

QE
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ATLAS
(v.3)
NHI

MEMOIR No. 38

NORTH AMERICAN CORDILLERA

FORTY-NINTH PARALLEL

BY

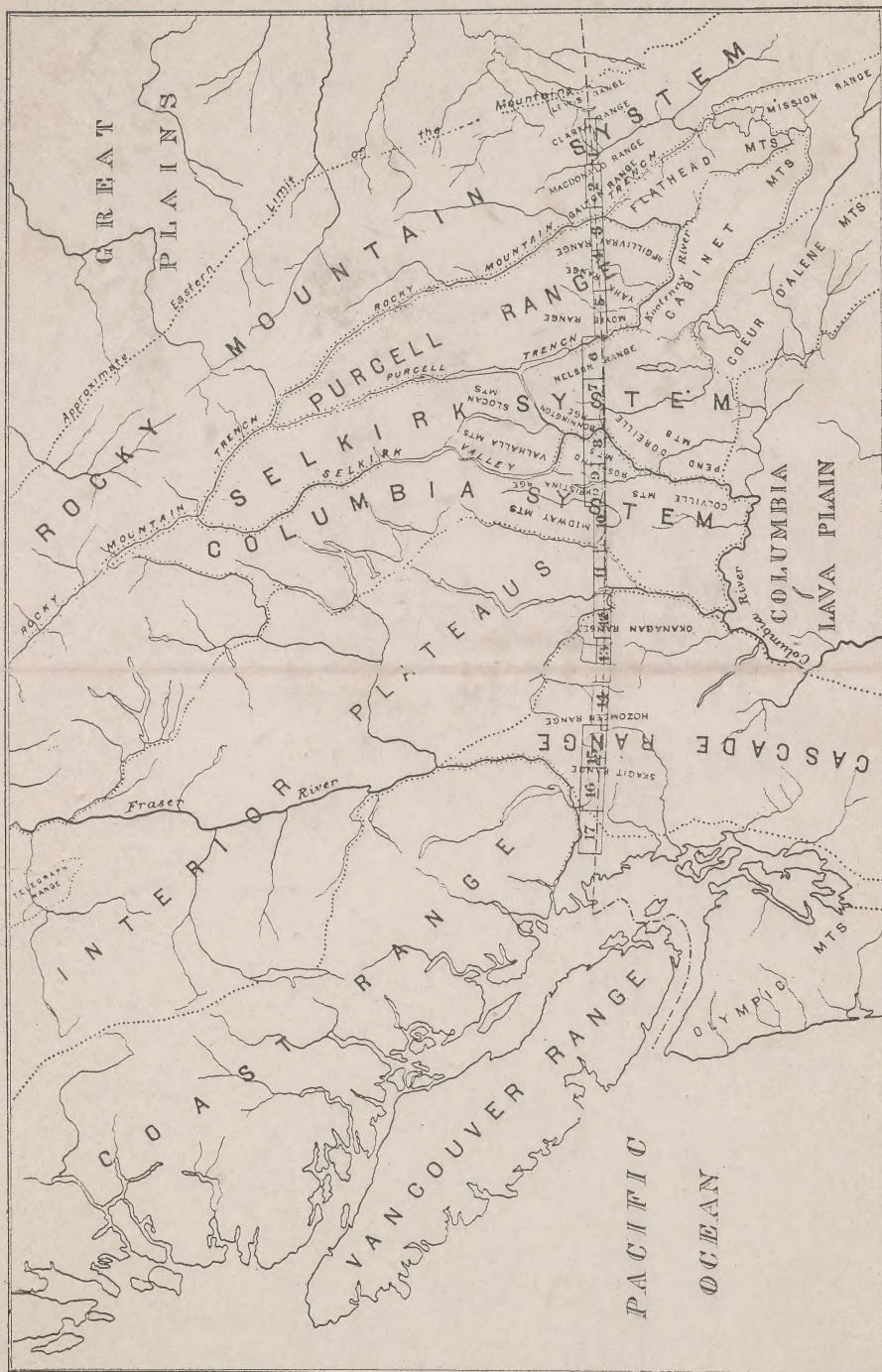
REGINALD ALDWORTH DALY

PART III

GEOLOGICAL SURVEY
DEPARTMENT OF MINES
OTTAWA

1912

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KEY SHOWING POSITION OF SHEETS.

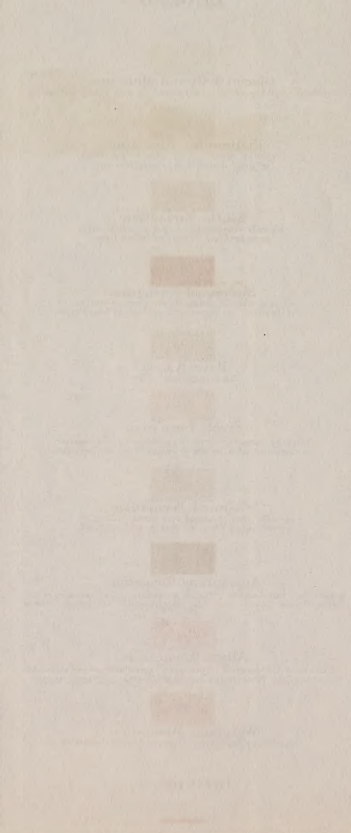
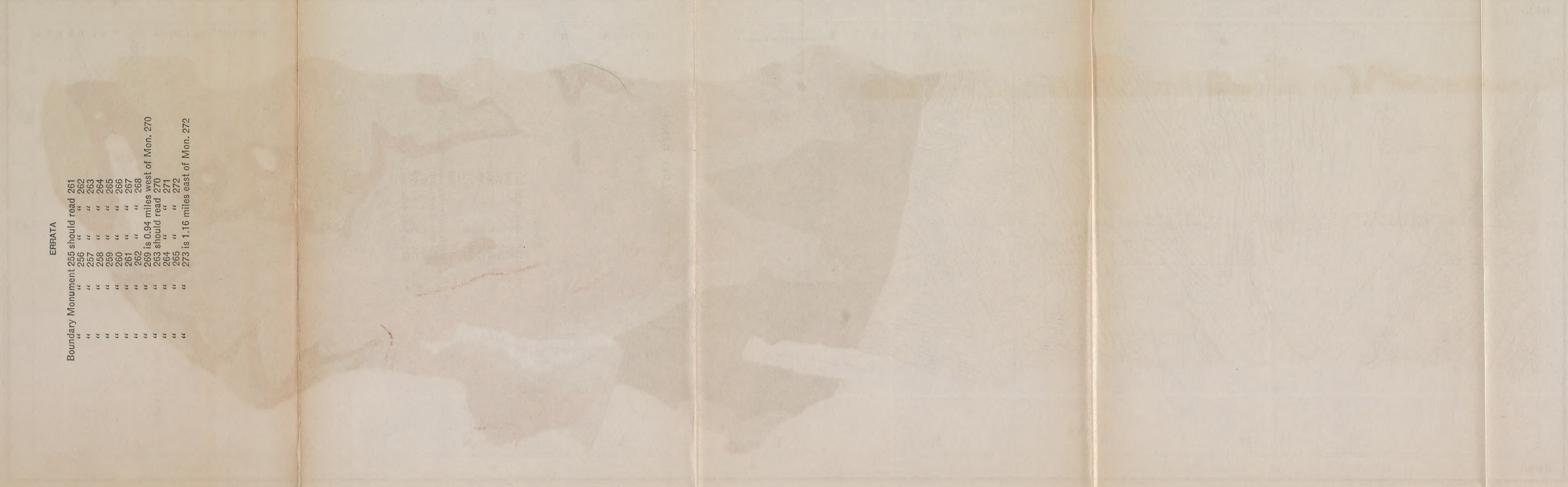
Reginald Aldworth Daly
Geology of the North American cordillera at the
forty-ninth parallel



Sheet 1—Clarke Range	Sheet 10—Midway Mountains,
" 2—Galton Range.	" 11—Osoyoos Lake.
" 3—Rocky Mountain Trench.	" 12—Kruger Mountain.
" 4—Yahk Range	" 13—Okanagan Range.
" 5—Moyie Range.	" 14—Hozomeen Range.
" 6—Purcell Trench.	" 15—Skagit Range.
" 7—Pend D'Oreille River.	" 16—Chilliwack River.
" 8—Rossland Mountains.	" 17—Sumas Lake.
" 9—Christina Lake.	
Plate 72—Views of the Rocky and Selkirk Ranges.	
" 73—Views of the Selkirk, Columbia and Cascade Ranges.	
—Erratum Sheet.	

ERRATA

Boundary Monument 255 should read 261
" " " " " 262
" " " " " 263
" " " " " 264
" " " " " 265
" " " " " 266
" " " " " 267
" " " " " 268
" " " " " 269 is 0.94 miles west of Mon. 270
" " " " " 263 should read 270
" " " " " 271
" " " " " 272
" " " " " 273 is 1.16 miles east of Mon. 272



LEGEND

GLACIAL DRIFT AND ALLUVIUM
including winged-out moraines of the Flathead valley

Ks
Kishenehn formation
chiefly bluish-grey clay; interbeds of grey sandstone; fossiliferous

Kn
Kintla formation
chiefly thin-bedded, red, argillite and interbedded flow of basic lava

Sh
Sheppard formation
chiefly thin-bedded, light grey, siliceous dolomite; an interbedded flow of basic lava

Pu
Parcell lava
massive, basic flow

Si
Siyeh formation
chiefly massive, dark grey, siliceous magnesian limestone; also much greenish-grey metagillite

Gr
Grinnell formation
chiefly thin-bedded, red, metagillite; an interbedded flow of basic conglomerate

Ap
Appokunmy formation
generally thin-bedded, light greenish-grey metagillite; subordinate quartzite and magnesian limestone lenses

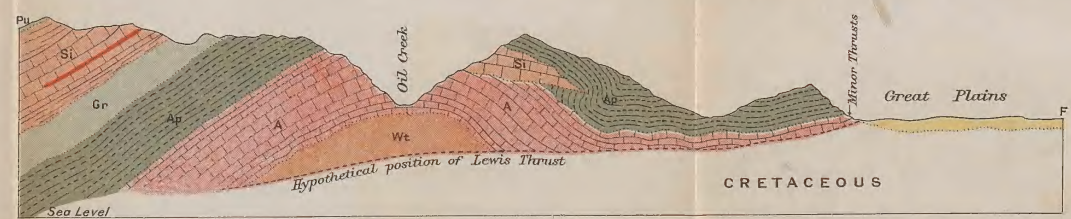
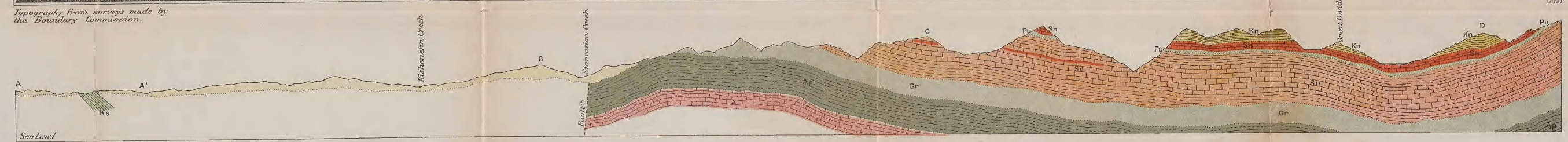
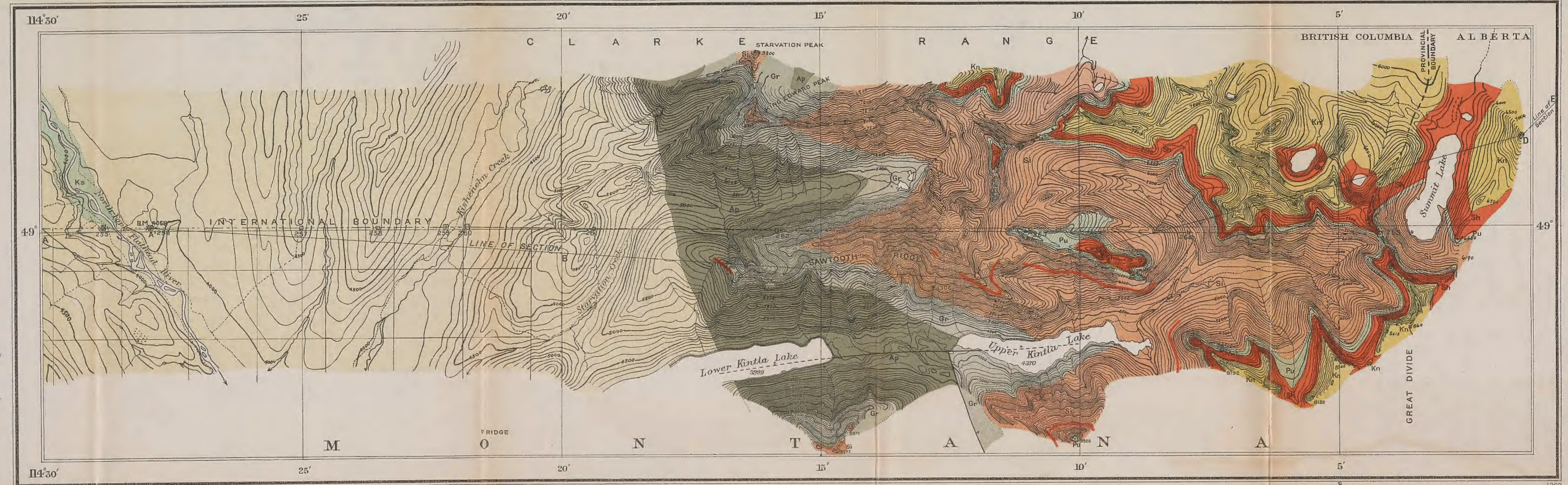
A
Altyn formation
thin to thick-bedded, light grey, generally sandy, siliceous magnesian limestone; bearing fossil, *Bellerophon*

Wt
Waterton formation
massive, dark grey, "felspathic" dolomite

Intrusive
Abnormal Gabbro

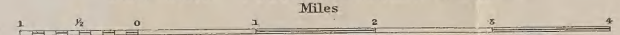
Symbols
Geological boundary
Fault

Note. Localities of chemically analyzed rocks, shown thus, + 1306



Sections along line A-A' B C D E F
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

Scale: 62500 = 0.9864 Statute Miles to 1 inch



Contour interval, 100 feet

MAP 74A
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ERRATA

Boundary Monument 245 should read 248
" " " 249
" " " 250
" " " 251
" " " 252 is 1.35 miles east of Mon. 251
" " " 249 should read 253
" " " 250 " " 254
" " " 251 " " 255
" " " 252 " " 256
" " " 257 is 2.59 miles east of Mon. 256
" " " 253 should read 258
" " " 259 is 2.14 miles east of Mon. 258
" " " 254 should read 260

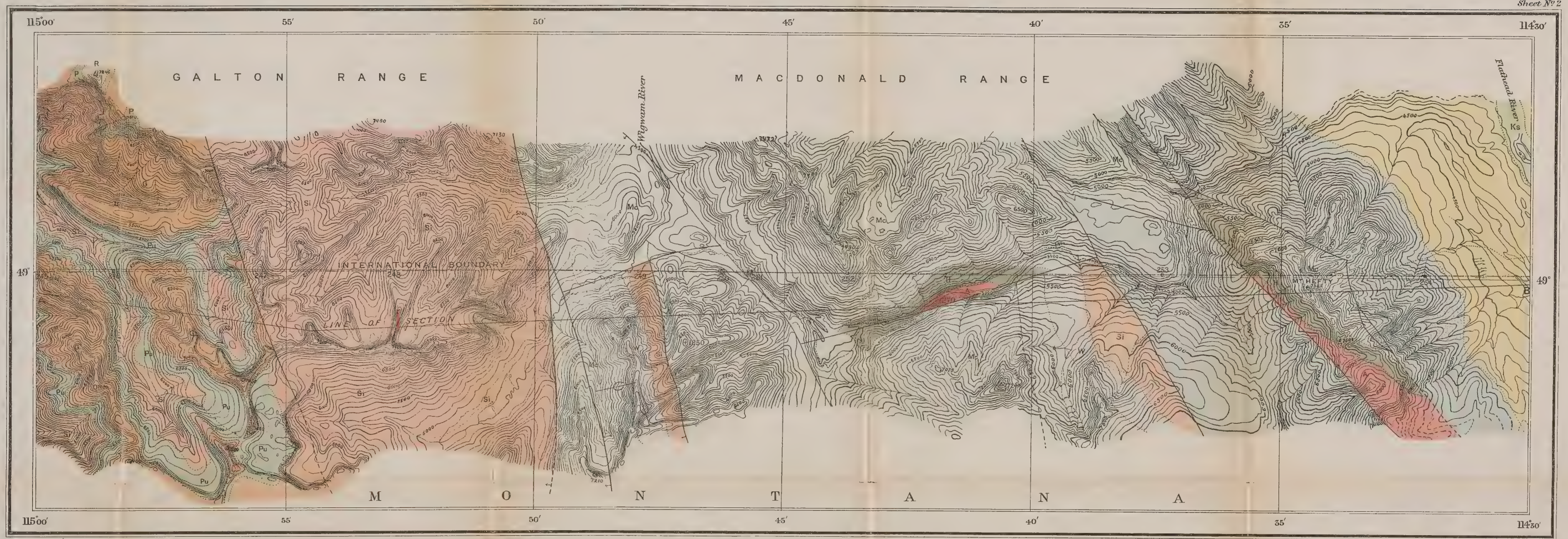


PLEISTOCENE & RECENT
MIOCENE
MISSISSIPPIAN
DEVONIAN
CHIEFLY CAMBRIAN(?)
MIDDLE
LOWER CAMBRIAN(?)
BELTIAN
CAMBRIAN

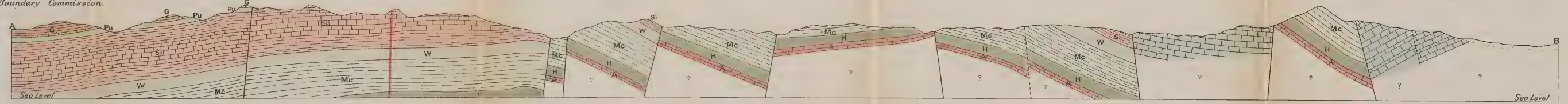
LEGEND

- Glacial drift and alluvium
- Ks Kishenehn formation
chiefly bluish-grey clay; interbeds of grey sandstone; fossiliferous
- Linestone
massive, grey, fossiliferous
- R Roosevelt formation
light green and grey, thin-bedded metargillite
- F Phillips formation
purplish to red, thin-bedded metargillite & quartzite
- G Gateway formation
chiefly thin-bedded, siliceous metargillite; some dolomite at base
- Pu Purcell lava
massive, basalt flow
- Si Siyeh formation
massive, dark grey, siliceous, magnesian limestone, with much greenish-grey metargillite
- W Wagon formation
thin to thick-bedded, red sandstone and metargillite
- Mc MacDonald formation
thin to thick-bedded, grey metargillite, with rare lenses of dolomite
- H Hefty formation
chiefly thick-bedded, reddish sandstone
- A Altyn formation
thin-bedded siliceous dolomite
- Intrusive
- Abnormal gabbro
- Symbols
- Geological boundary
- Fault
- Glacial Striae

Note. Localities of chemically analyzed rocks, shown thus, +1250



Topography from surveys made by the Boundary Commission.



Section along line A B
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

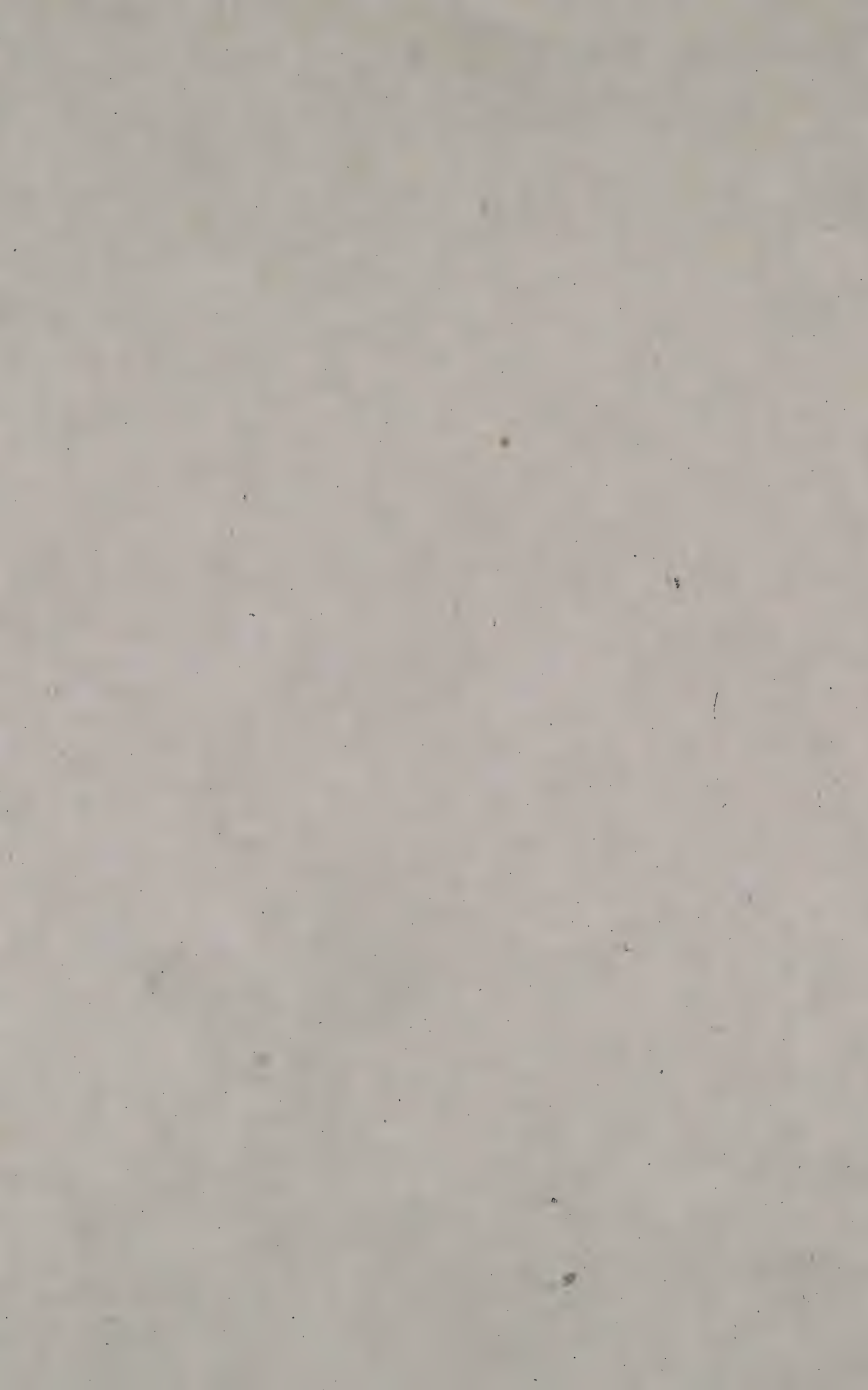
Scale: 62500 - 09864 Statute Miles to 1 inch



Contour interval, 100 feet

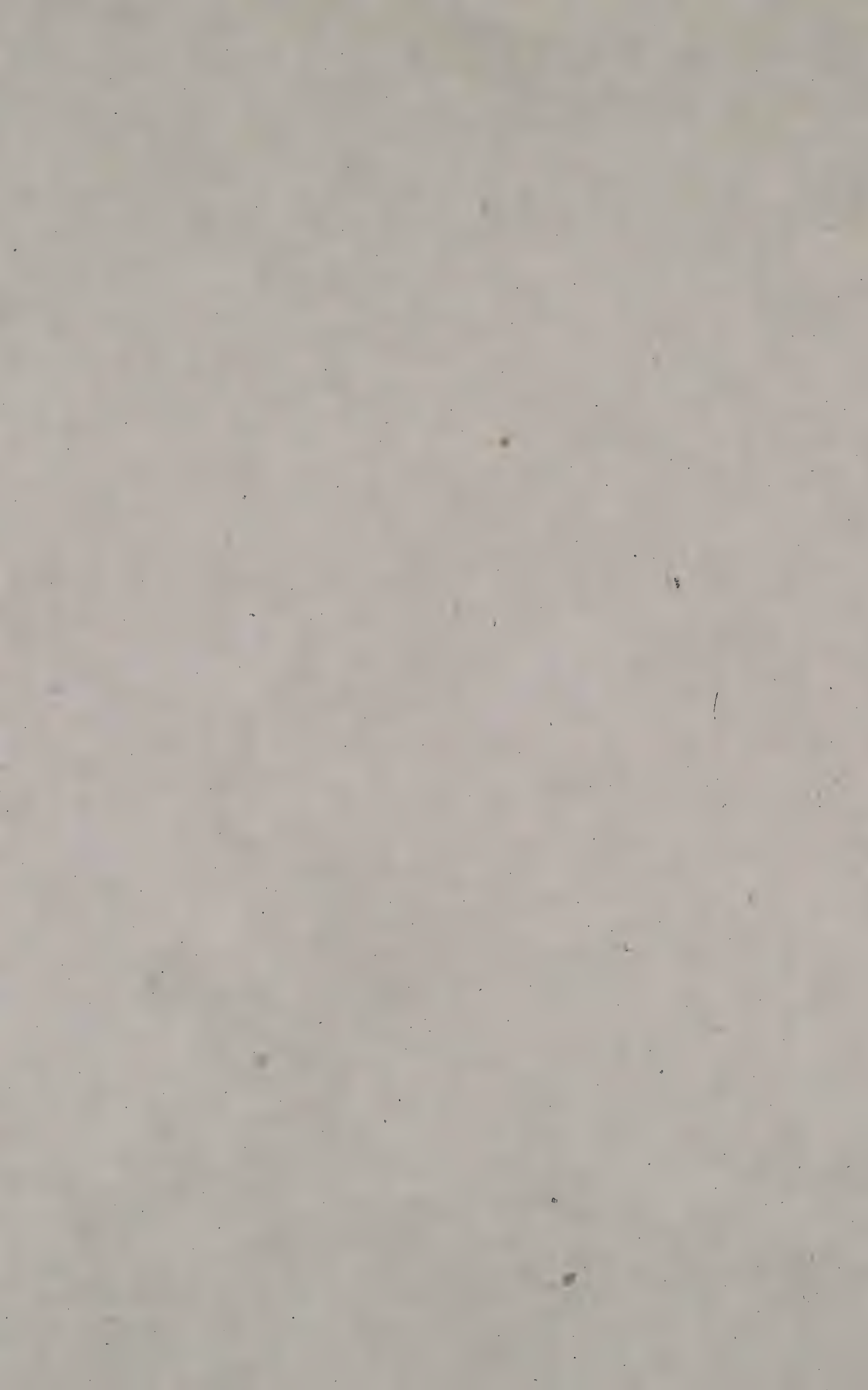
MAP 75A

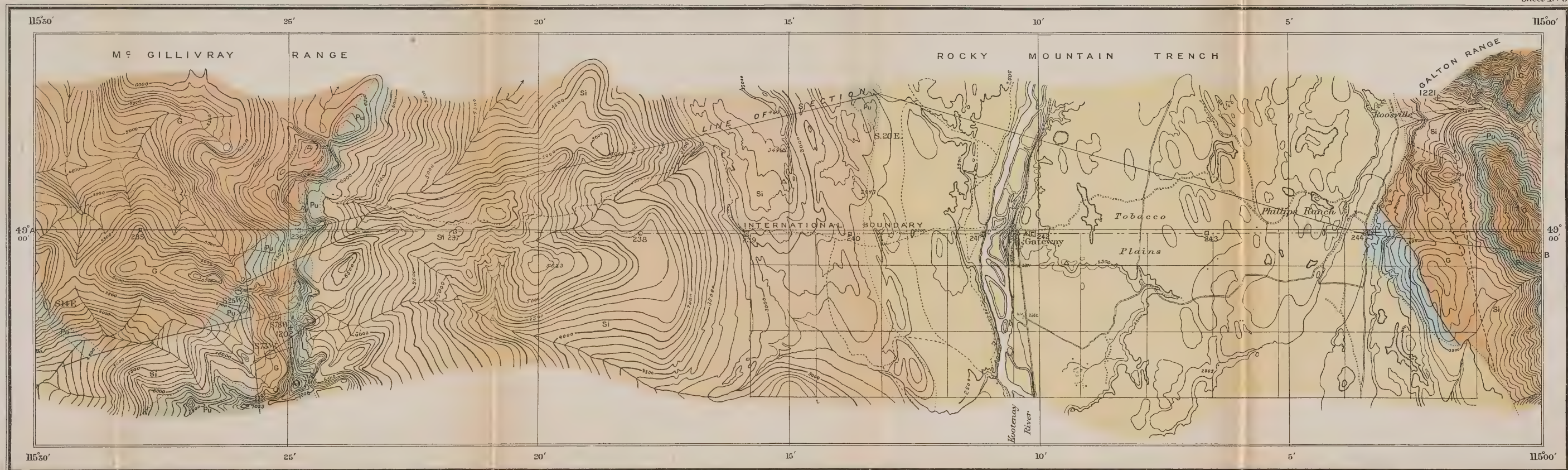
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ERRATA

Boundary Monument	235 should read	237
"	"	236
"	"	237
"	"	238
"	"	239
"	"	240
"	"	241
"	"	242
"	"	243
"	"	244 is 0.22 miles west of Mon. 245
"	"	242 should read
"	"	243
"	"	244
"	"	247

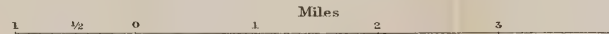




Section along line A B

GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

Scale: $\frac{1}{62500} = 0.9864$ Statute Miles to 1 Inch



Contour interval, 100 feet

LEGEND

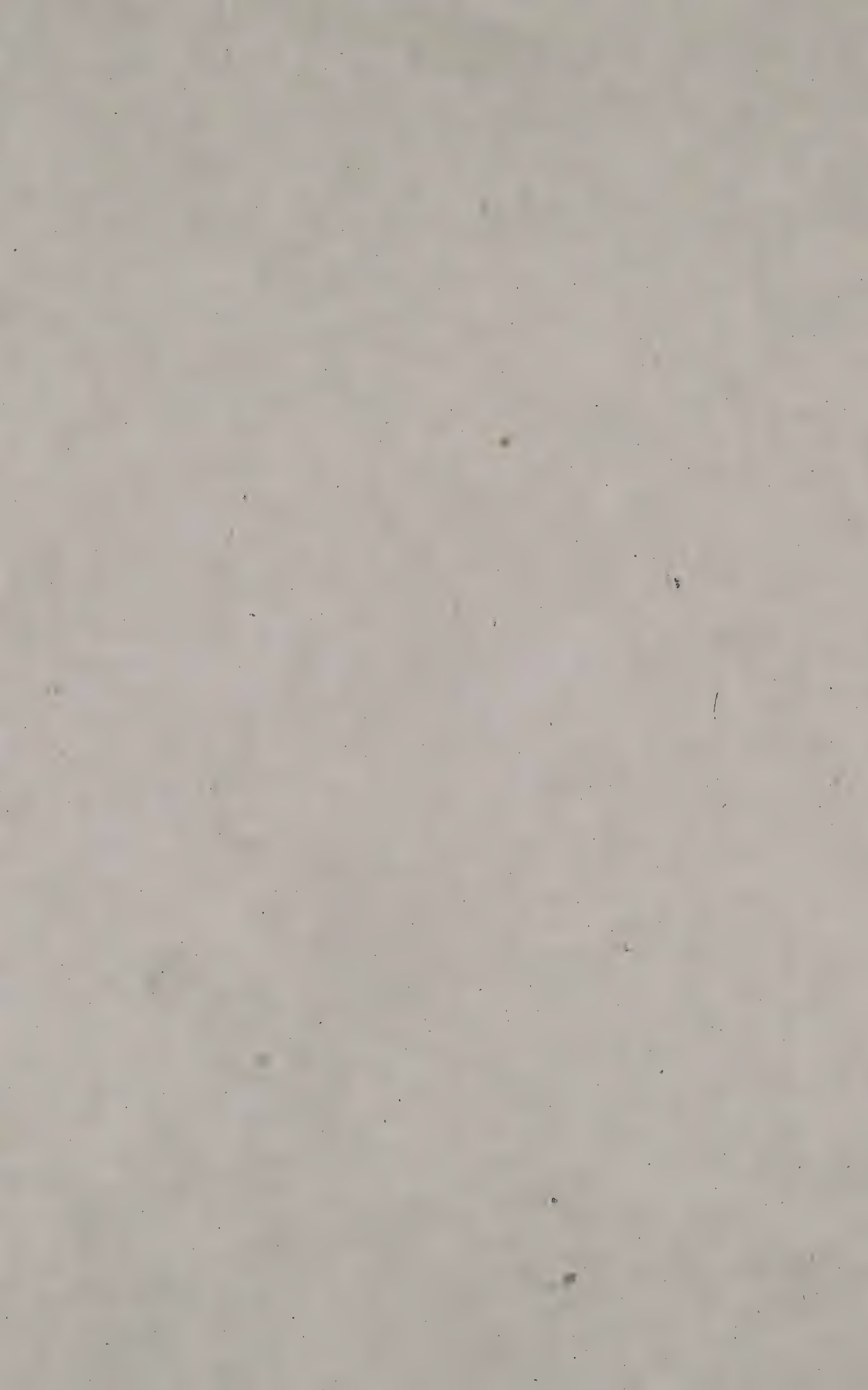
- Glacial drift and alluvium
- Limestone and quartzite massive, limestone fossiliferous
- Gateway formation chiefly thin-bedded, siliceous metargillite, some dolomite at base
- Purcell lava massive, basic flows
- Siych formation thin-to-thick bedded, greenish grey metargillite, with massive, siliceous, magnesian limestone
- Wigwam formation thin to thick bedded, red sandstone and metargillite
- MacDonald formation thin-to-thick bedded, gray metargillite
- Symbols**
- Geological boundary
- Fault
- Glacial striae

Note. Localities of chemically analyzed rocks, shown thus, +1202

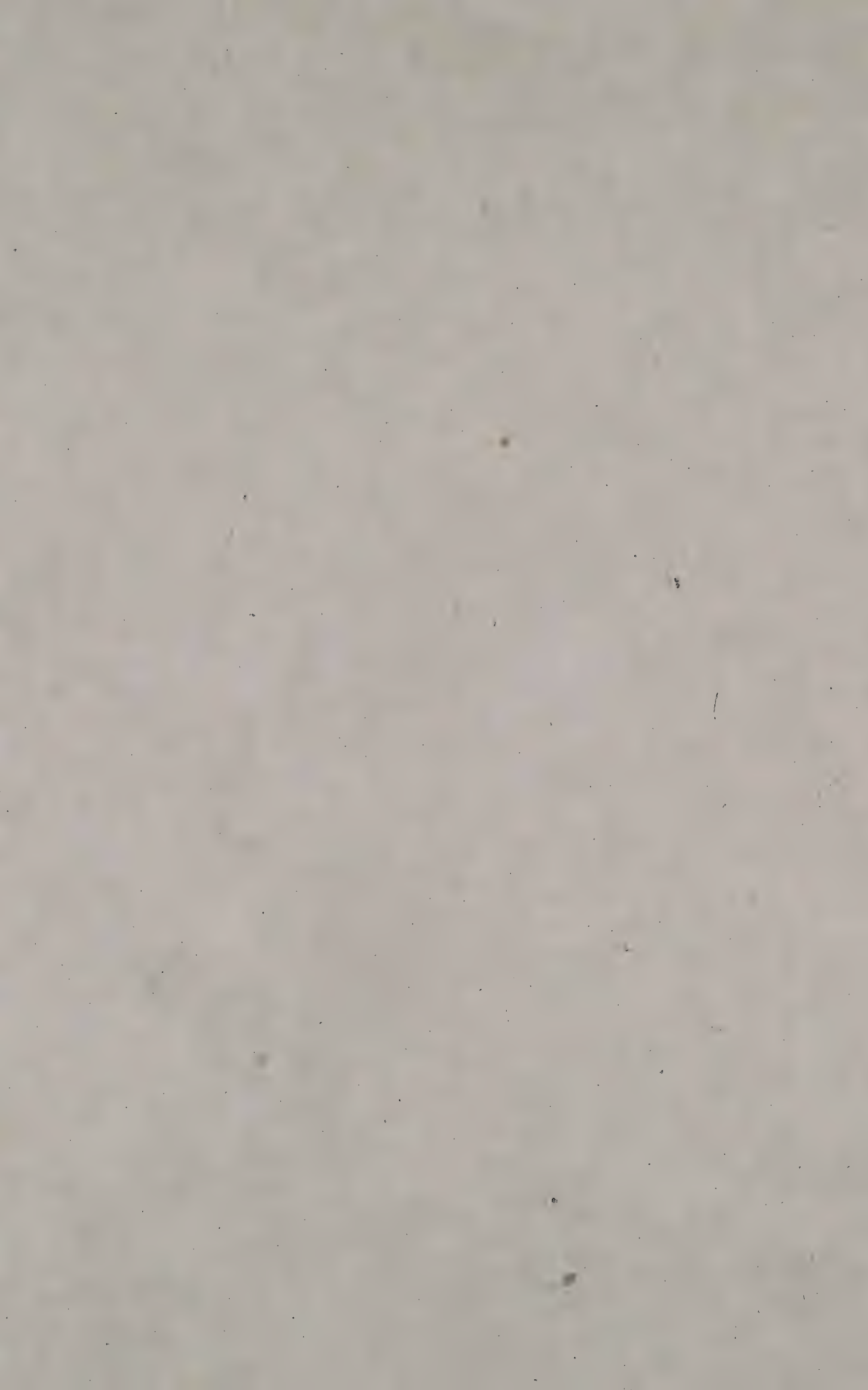
Topography from surveys made by the Boundary Commission.

MAP 76A

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ERRATA		
Boundary Monument	221 should read	223
"	"	222
"	"	223
"	"	224
"	"	225
"	"	226
"	"	227
"	"	228
"	"	229
"	"	230
"	"	231
"	"	232
"	"	233
"	"	234
"	"	235
"	"	236



LEGEND

M

Moyle formation
thin to thick-bedded shales, metargillites and quartzites; white, grey, blackish, greenish & purplish

G

Gateway formation
chiefly thin-bedded, siliceous metargillites; some dolomite at base (Equivalent of lower part of Moyle formation)

Pu

Purcell lava
massive basic flows

Kt

Kitchener formation
thin to thick-bedded, greenish-grey quartzite and metargillite; somewhat dolomitic in places

Si

Siyeh formation
thin to thick-bedded, greenish-grey metargillite with massive, siliceous, magnesian limestone (Equivalent to upper Kitchener formation)

W

Wigwam formation
thin to thick-bedded, red sandstone and metargillite (Equivalent of lower part of Kitchener formation)

C

Creston formation
generally thick-bedded, grey quartzite and metargillite; sometimes dolomitic

Intrusive

Abnormal hornblende gabbro

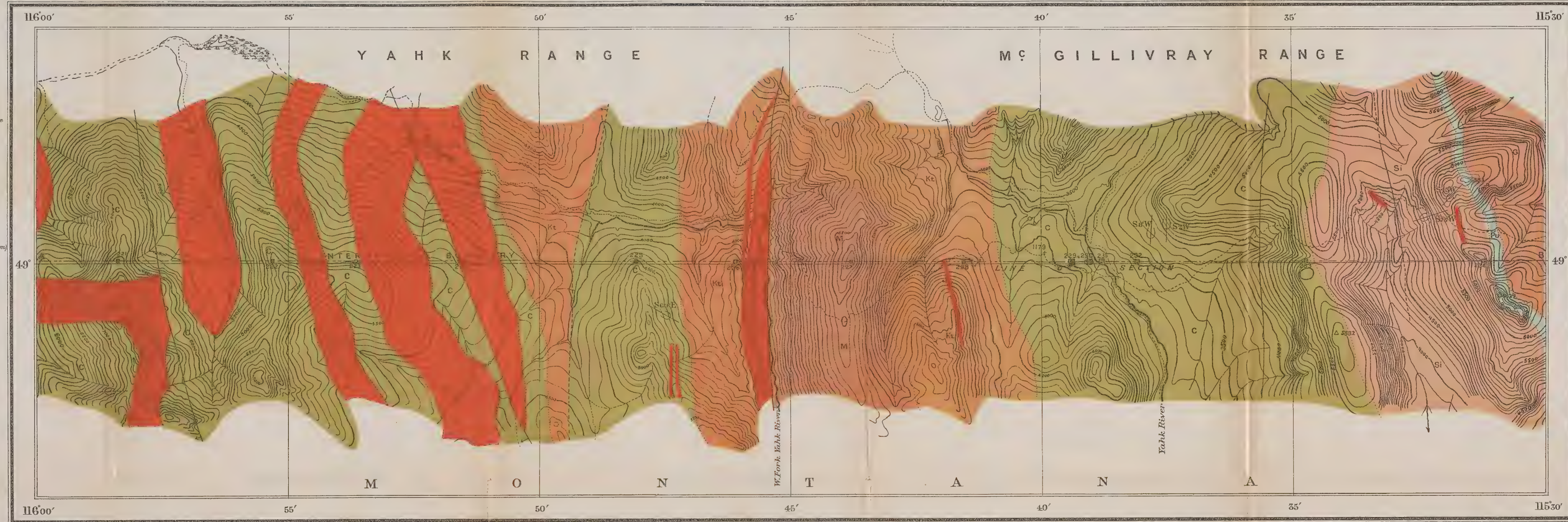
Symbols

Geological boundary

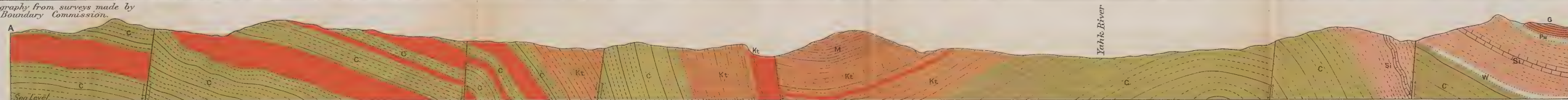
Fault

Glacial striae

Note. Localities of chemically analyzed rocks, shown thus, + 1164



Topography from surveys made by the Boundary Commission.



Section on line AB

GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

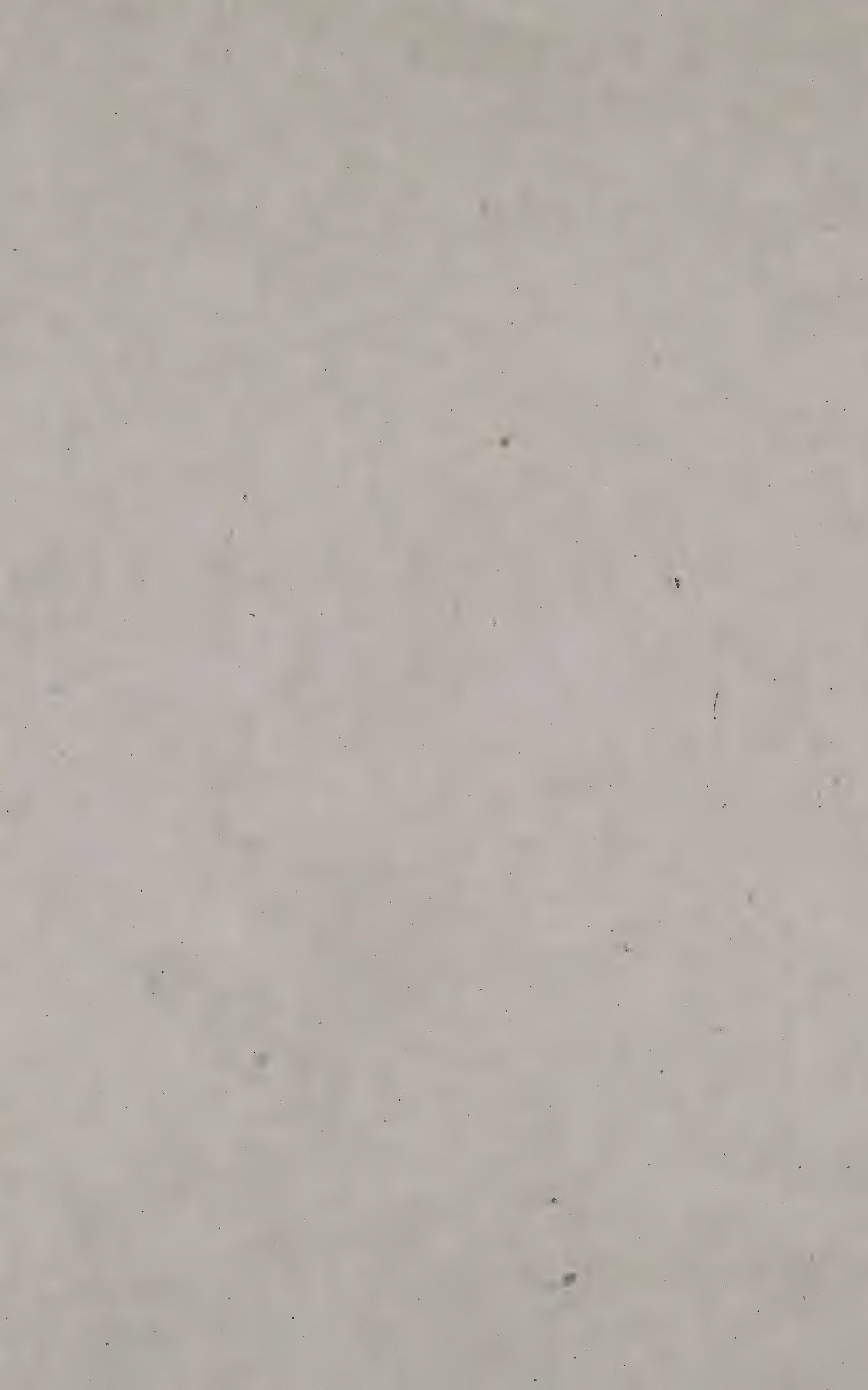
Scale: $\frac{1}{82500}$ - 0.9864 Statute Miles to 1 inch

1 1/2 0 1 2 3 4
Miles

Contour interval, 100 feet

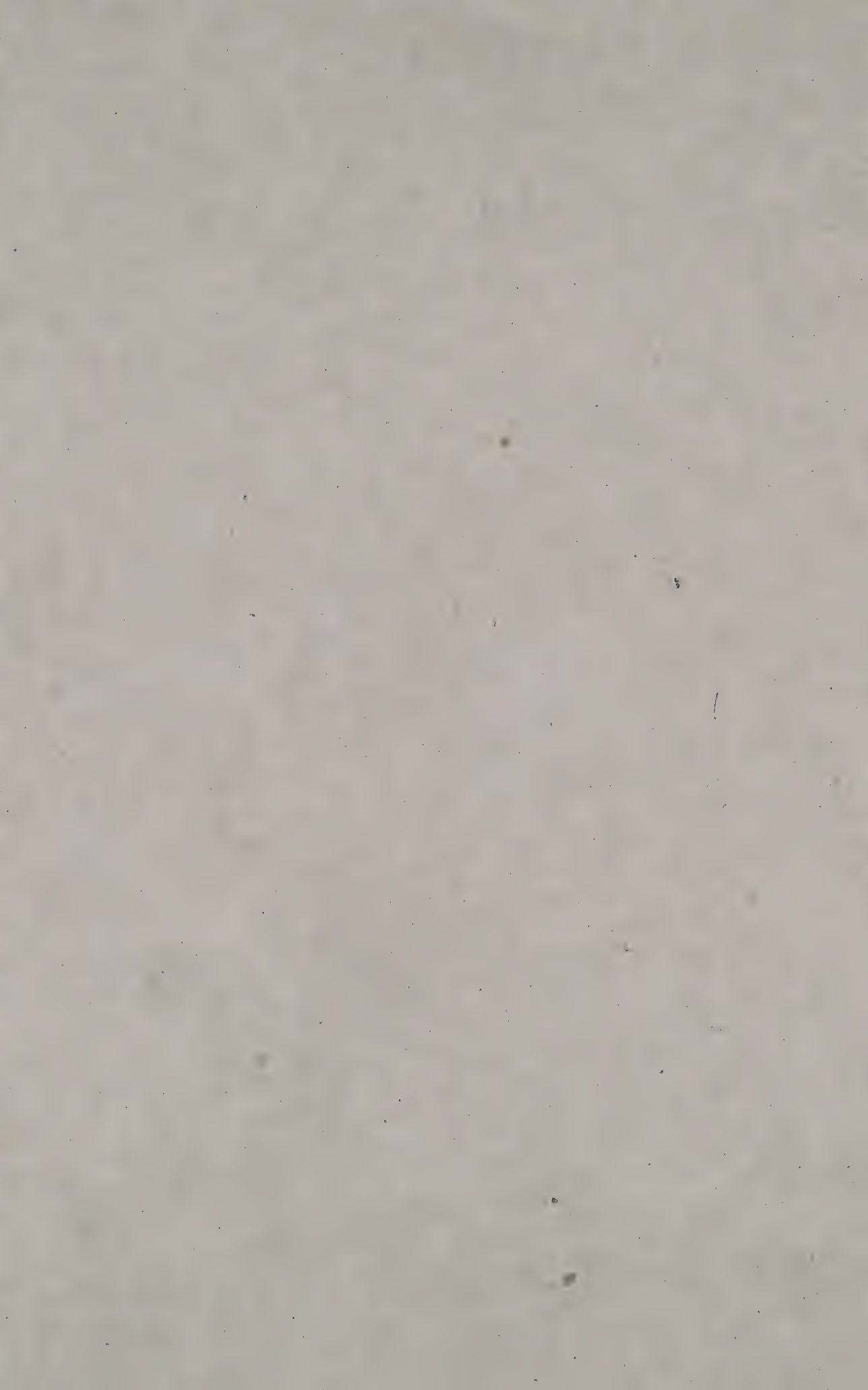
MAP 77 A

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ERRATA

Boundary Monument 207 is 2.72 miles west of Mon. 208
" " " 207 should read 208
" " " " " 209
" " " 210 " " 210
" " " 211 " " 211
" " " 212 " " 212
" " " 213 " " 213
" " " 214 " " 214
" " " 215 " " 215
" " " 216 " " 216
" " " 217 " " 217
" " " 218 is 0.02 miles east of Mon. 217
" " " 217 should read 219
" " " 218 " " 220
" " " 219 " " 221
" " " 220 " " 222

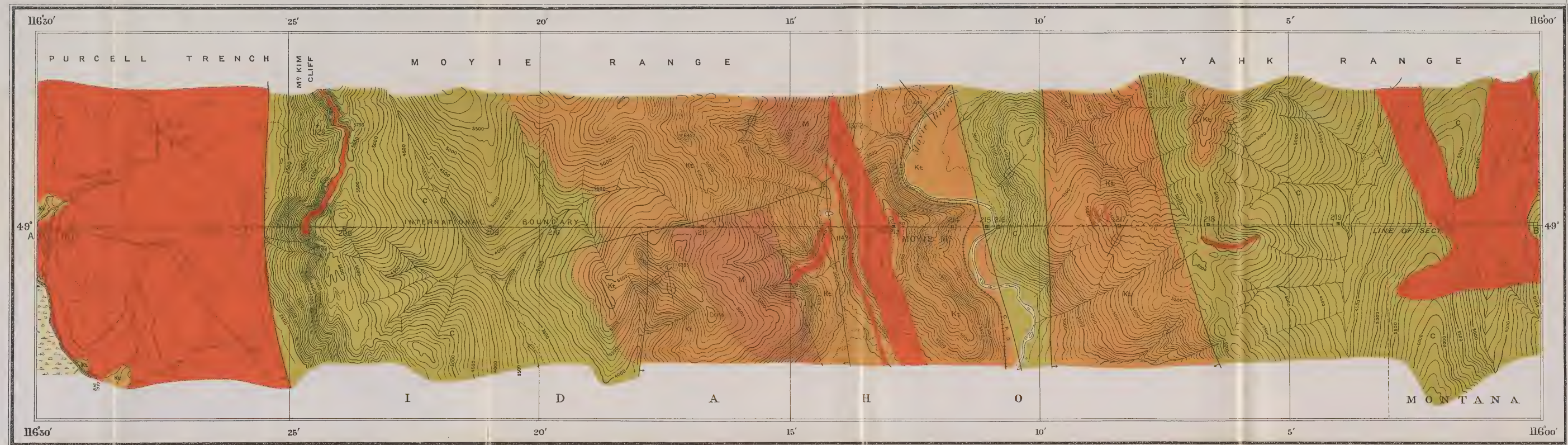


chiefly
L'CAMBRIAN MIDDLE & MIDDLE
& BELTIAN L'CAMBRIAN CAMBRIAN RECENT
CAMBRIAN?

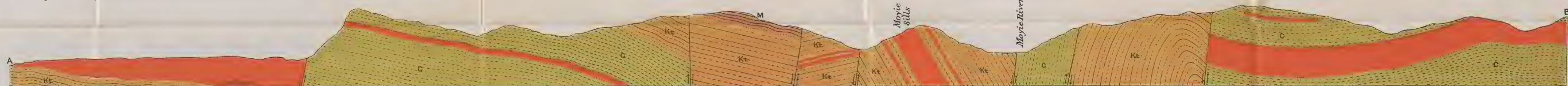
LEGEND

- Alluvium
- M**
Moyie formation
thin to thick-bedded, shales, metagillite and quartzite, white, grey, blackish, greenish & purplish
- Kt**
Kitcheners formation
thin to thick-bedded, greenish-grey quartzite and interbedded metagillite
- C**
Creston formation
massive to thin-bedded, grey quartzite and subordinate metagillite
- Intrusive**
 Abnormal hornblende gabbro
- Symbols**
 Geological boundary
- Fault
- Glacial striae

Note. Localities of chemically analyzed rocks, shown thus, +1134



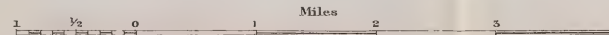
Topography from surveys made by the Boundary Commission.



Section along line A B

GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

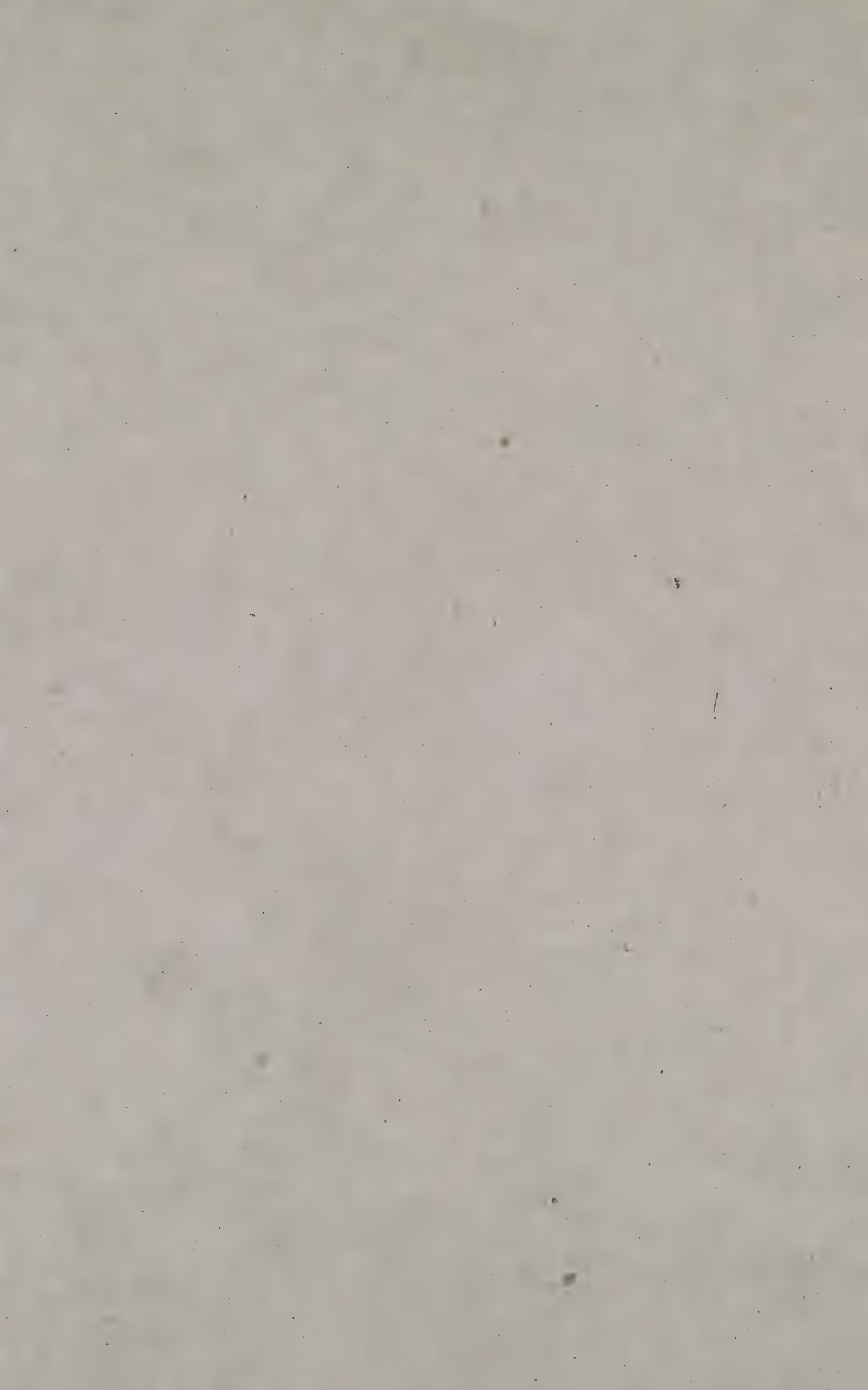
Scale $\frac{1}{62500}$ = 0.9864 Statute Miles to 1 Inch

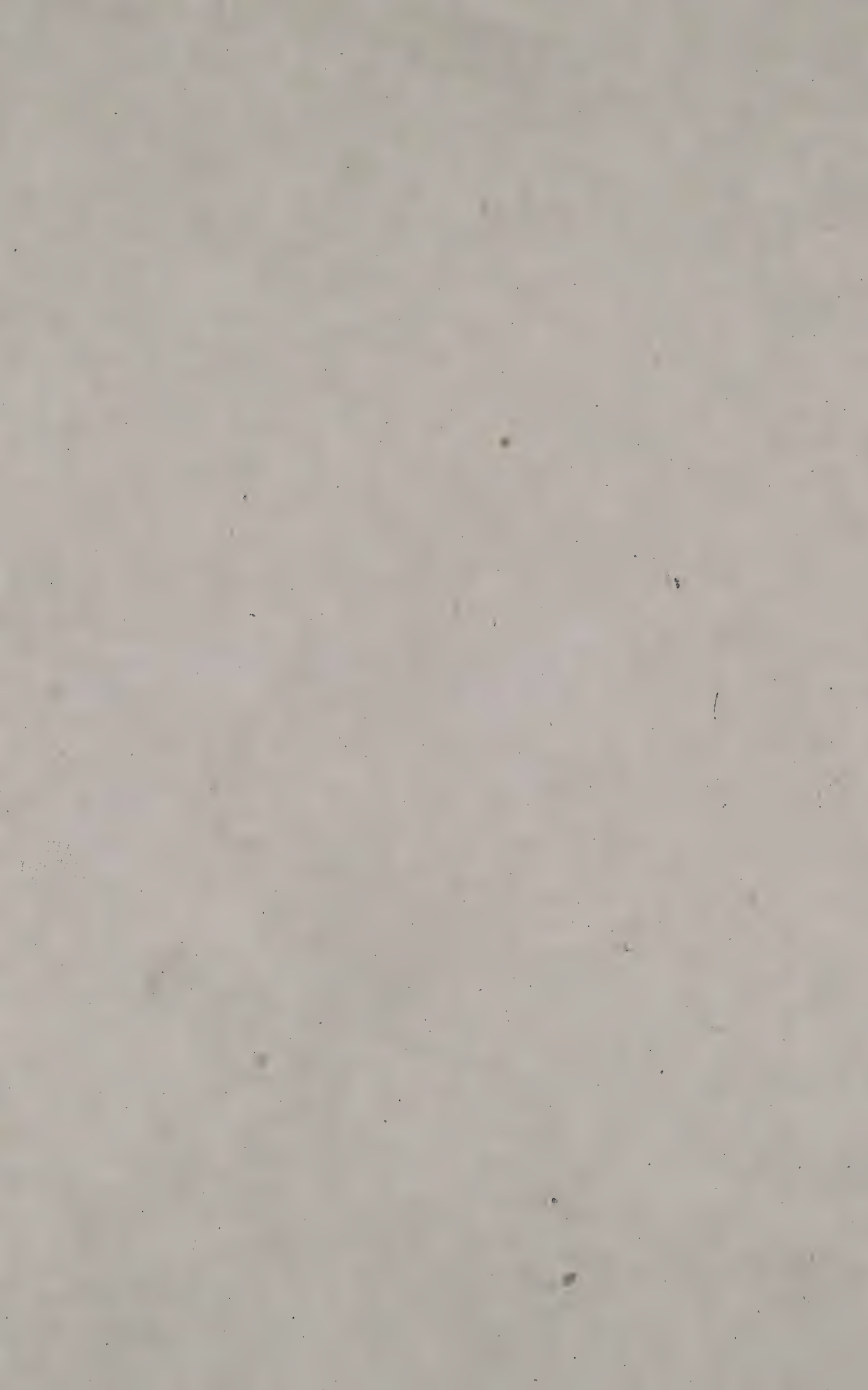


Contour interval, 100 Feet

MAP 78 A

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LEGEND

RECENT
Alluvium

QUATERNARY
Kitchener formation
greenish-grey quartzite

LOWER CRETACEOUS
Wolf formation
massive grey grit and arkose in very thick beds; subarkose sandstone

MIDDLE CRETACEOUS
Mk
Monk formation
alternating phyllite and metamorphosed (schistose) grit, sandstone and conglomerates; grey colours

IRVING
Irene volcanic formation
thick flows of pyroxene andesites, with some pyroclastics and a massive interbed of magnesian limestone

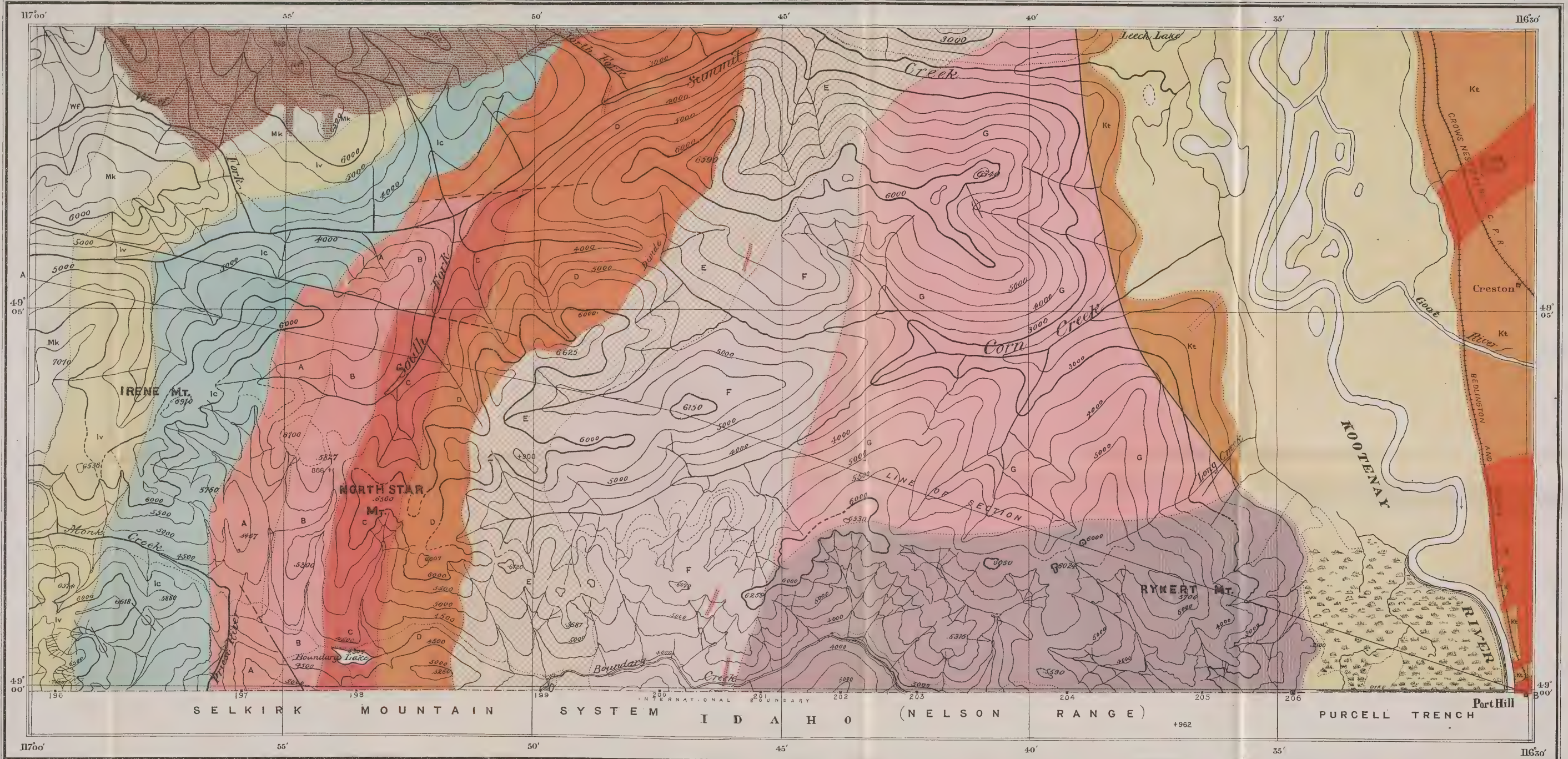
PRE-IRVING
Irene conglomerate
massive, greatly sheared thin sandstone lenses

PRE-BELTIAN PRIEST RIVER TERRANE
A
mica schists, quartzites and dolomites
B
dolomites, quartzite and phyllite
C
phyllites and sericite-quartz schist
D
sheared, massive quartzite, with sericite and chlorite schist
E
sericite schist, spangled with large biotite crystals
F
schistose quartzite and mica schist
G
glistening mica schists and sheared quartzites

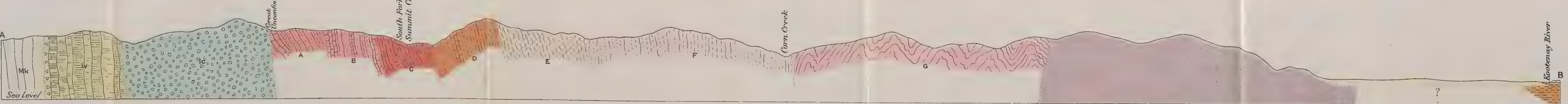
INTRUSIVE
Bayoune batholith
basic gneissoid
Rykert batholith
sheared porphyritic biotite (muscovite) granite
Abnormal hornblende granite
probably a sill
Abnormal hornblende gabbro
sills in Kitchener formation
Greenstone
dikes and sheets in the Priest River terrane

SYMBOLS
Geological boundary
Fault
Glacial striae

Note. Structure of Pre-Irving series shown on section, merely diagrammatic. Localities of chemically analysed rocks, shown thus, +900



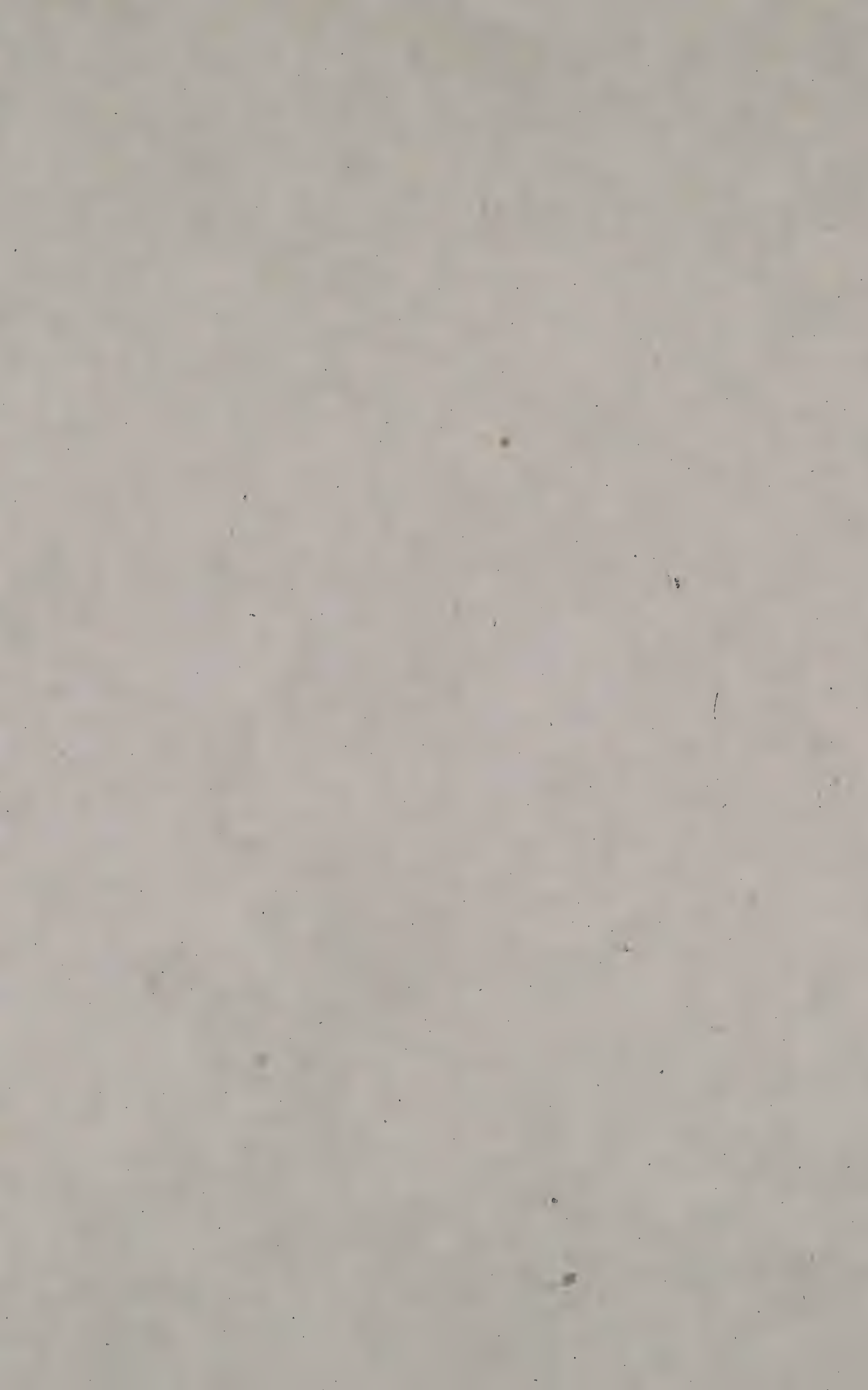
Topography from surveys made by the Boundary Commission.

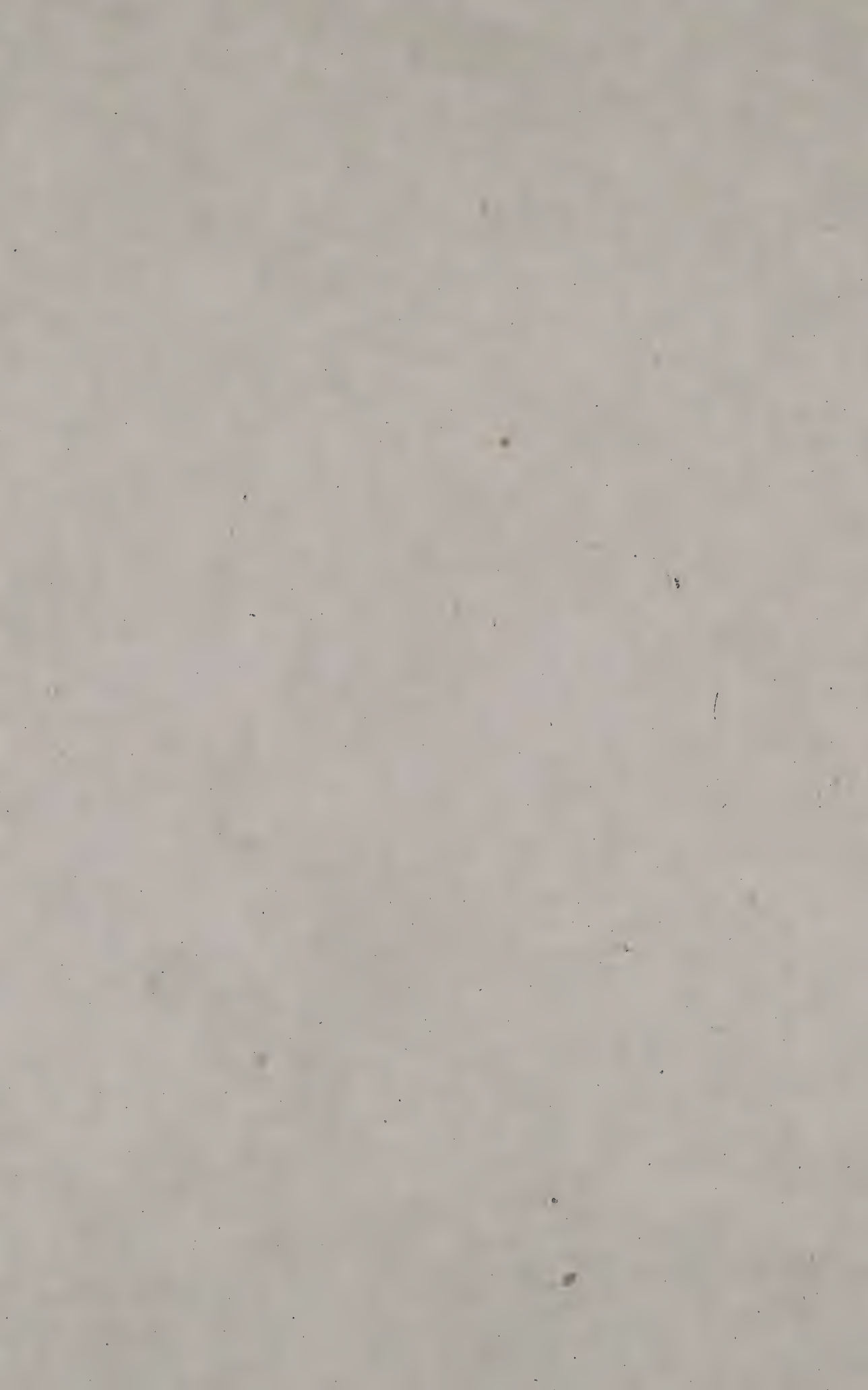


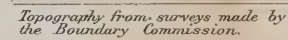
Section along line AB
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.
Scale: 62500 = 0.9864 Statute Miles to 1 inch



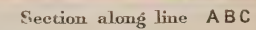
Contour interval, 500 feet.







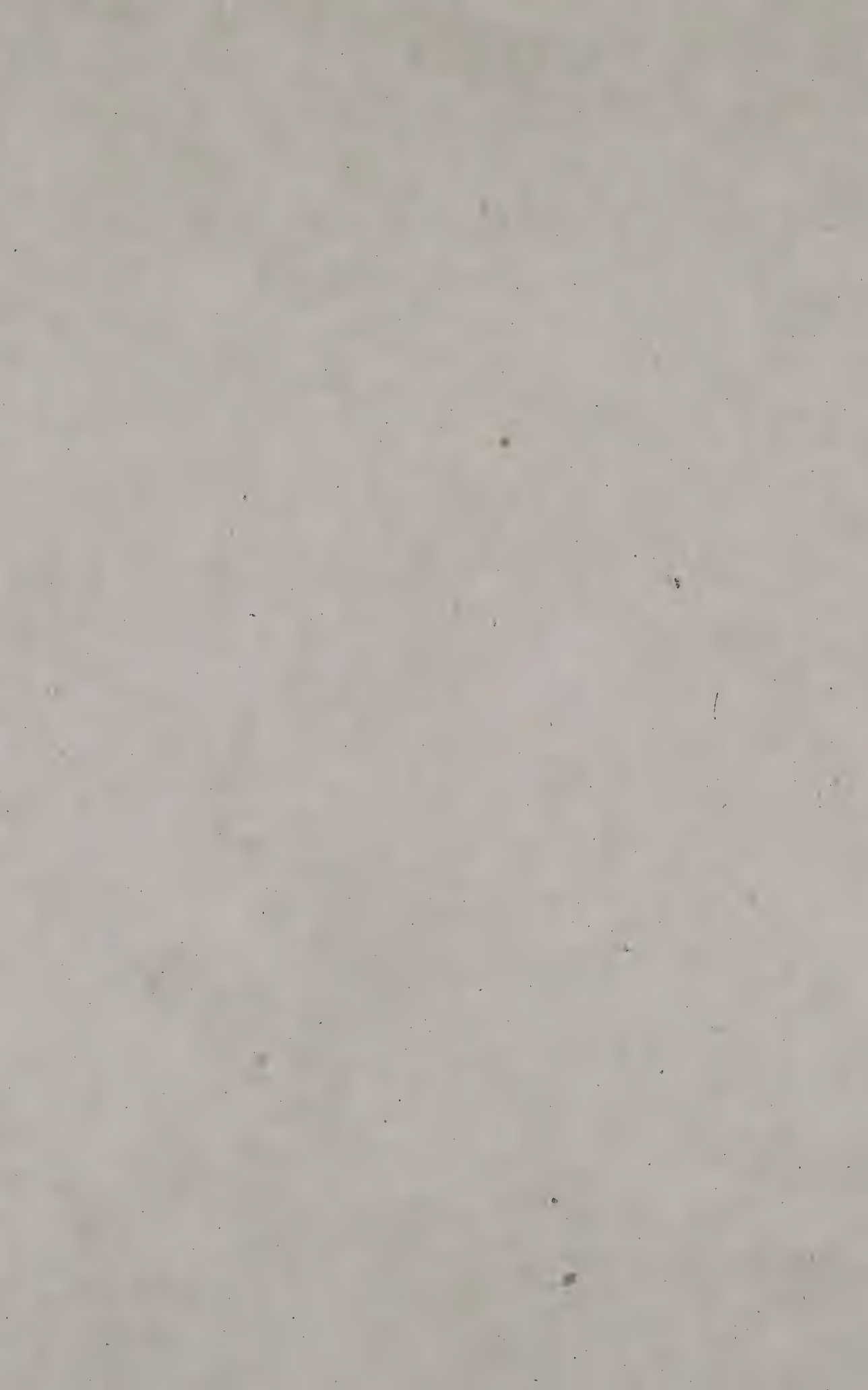
Note. *Localities of chemically analyzed rocks, shown thus, + 666*

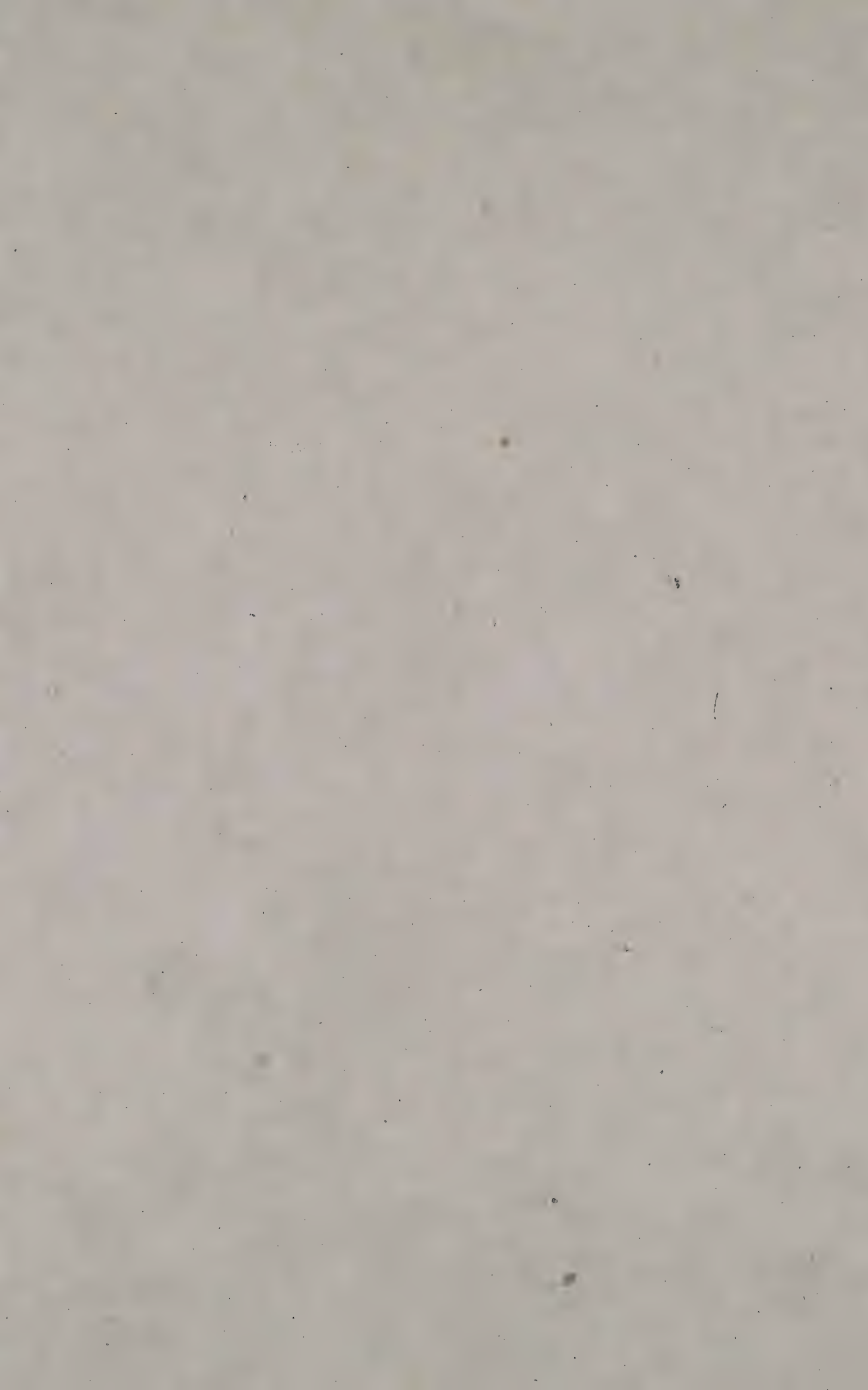


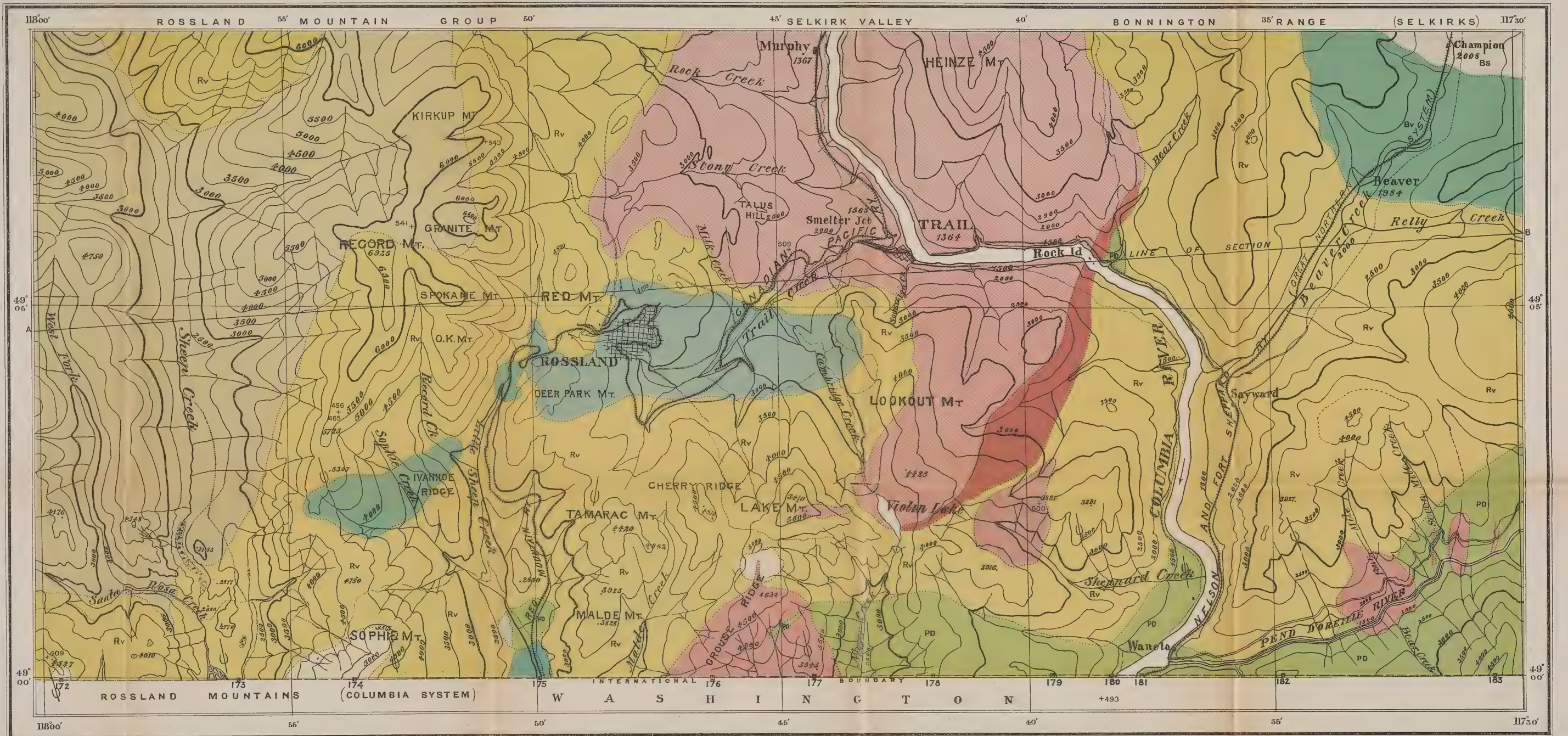
Scale: $\frac{1}{62500} = 0.9864$ Statute Miles to 1 Inch

Contour interval, 500 feet

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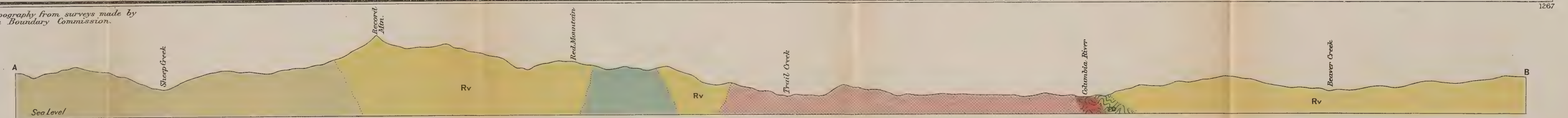






Topography from surveys made by the Boundary Commission.

Note: Many minutiae and other microlanthropes cut the Pend D'Oreille schists in the Pend D'Oreille river gorge, as well as the older rocks in the Rosland mining camp. Numerous porphyritic dikes syngenetic with the Rosland volcanics are not shown and topographical dikes from batholiths and stocks are likewise not plotted. Localities of chemically analyzed rocks, shown thus, +409



GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

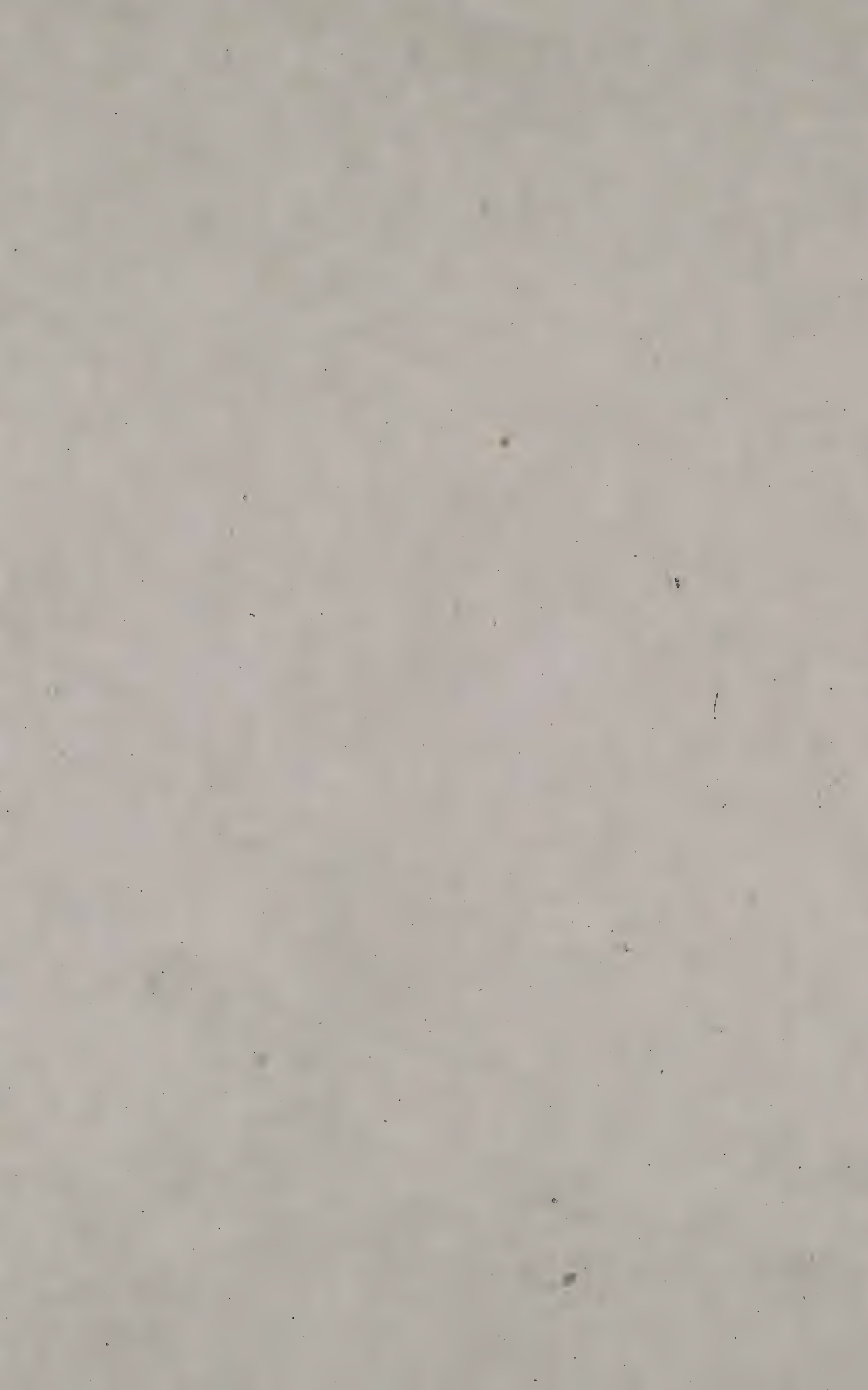
Scale: 1:62,500 = 0.9864 Statute Miles to 1 inch.



Contour interval, 500 feet

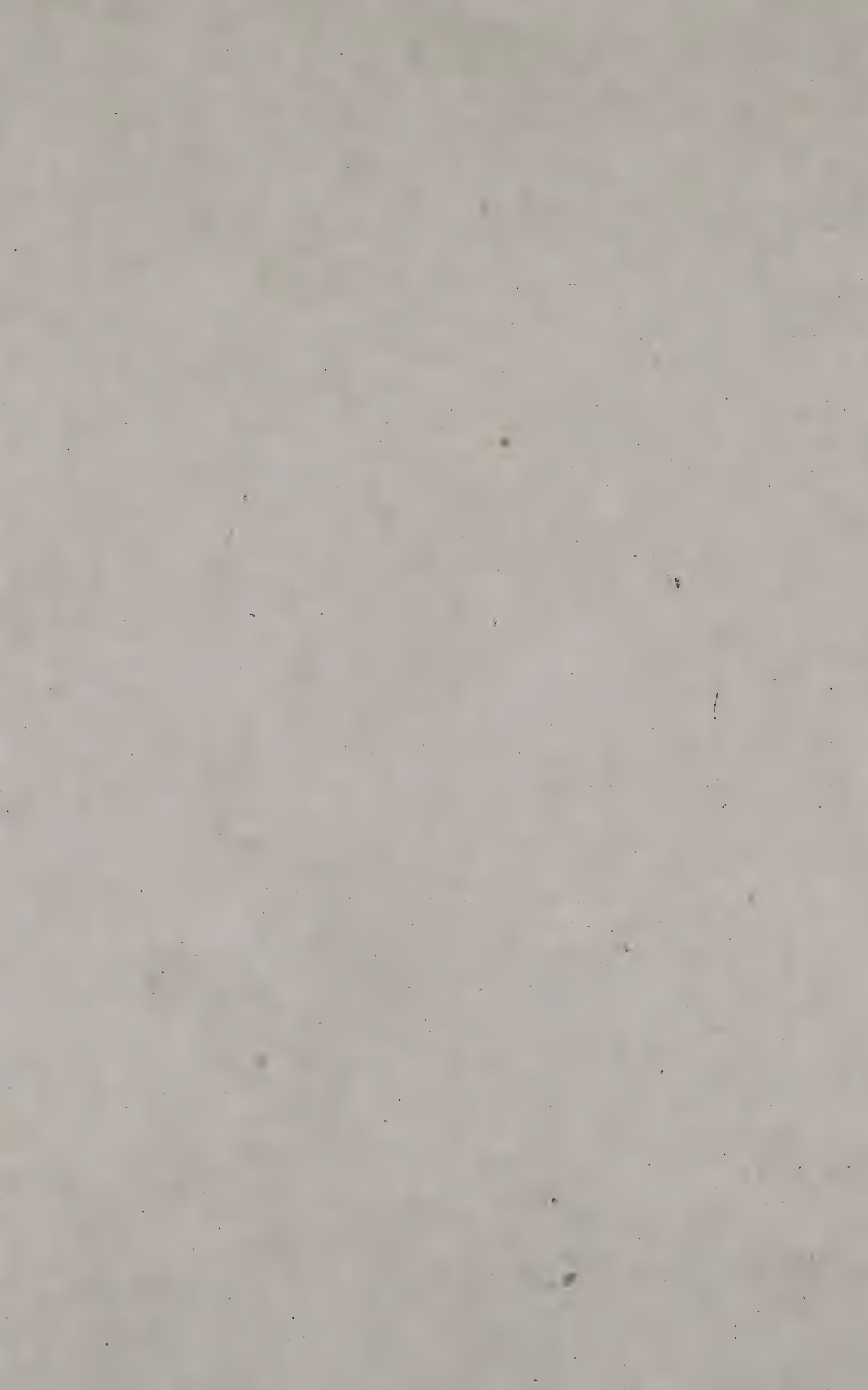
MAP 81A

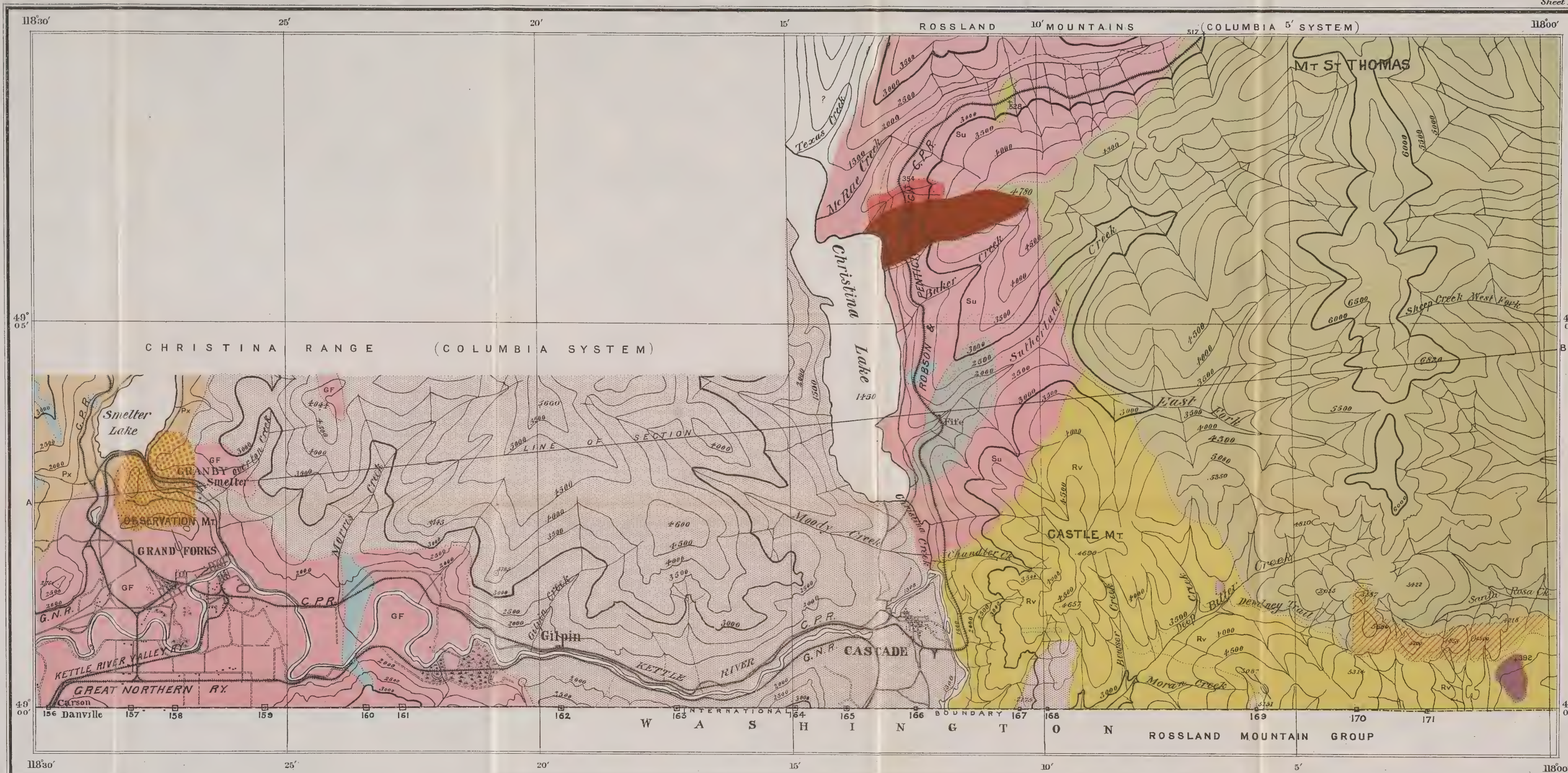
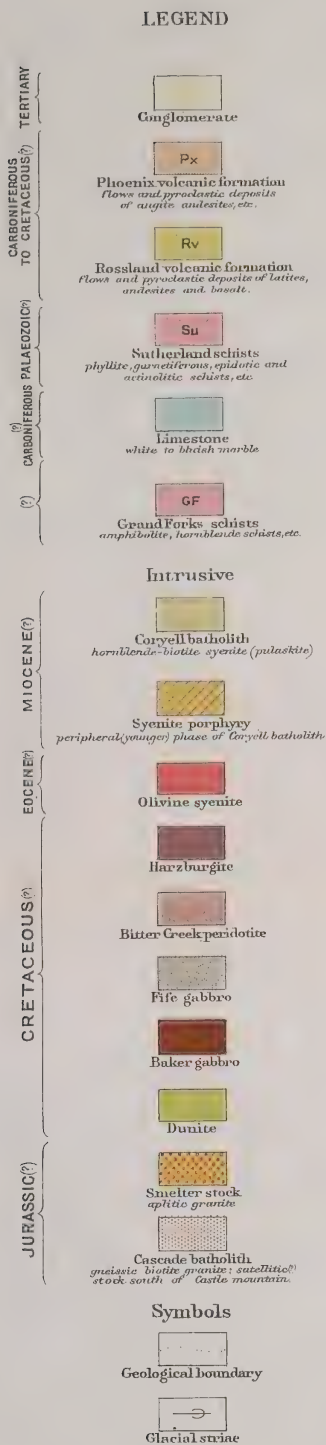
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ERRATA

Boundary Monument	156 should read	155
"	157 "	" 156
"	" "	" 157
"	" "	" 158
"	" "	" 159
"	" "	" 160
"	" "	" 161
"	" "	" 162
"	" "	" 163
"	" "	" 164
"	165 is a few yards east of the railway track near Laurier.	



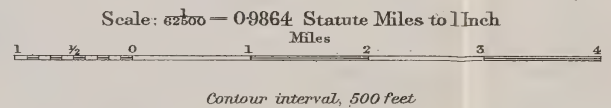


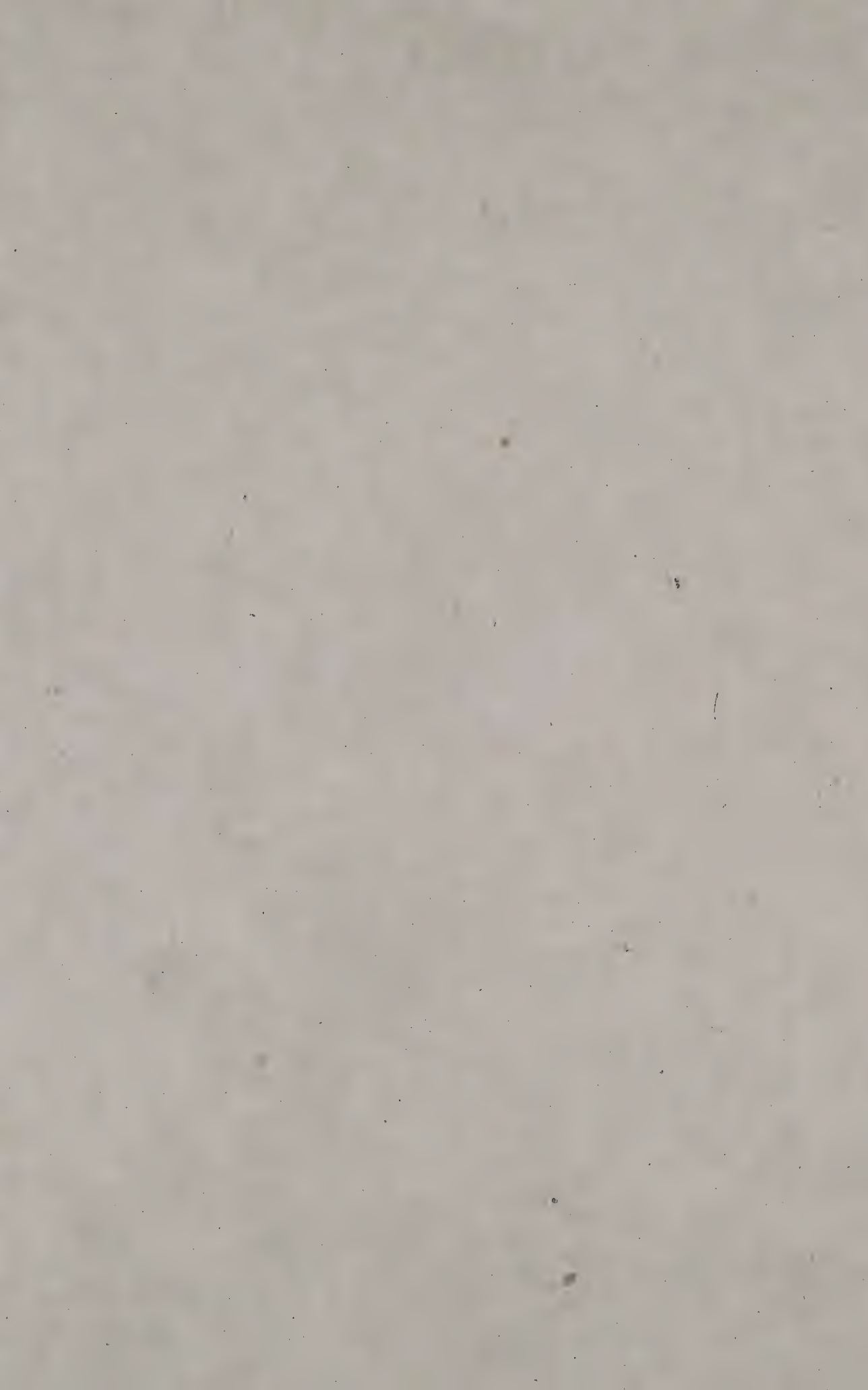
Topography from surveys made by the Boundary Commission.



Note. Folded structure of Sutherland and Grand Forks schists, in section, merely diagrammatic. Many epiphyseal dikes from large intrusive masses not shown. Localities of chemically analyzed rocks, shown thus, + 517

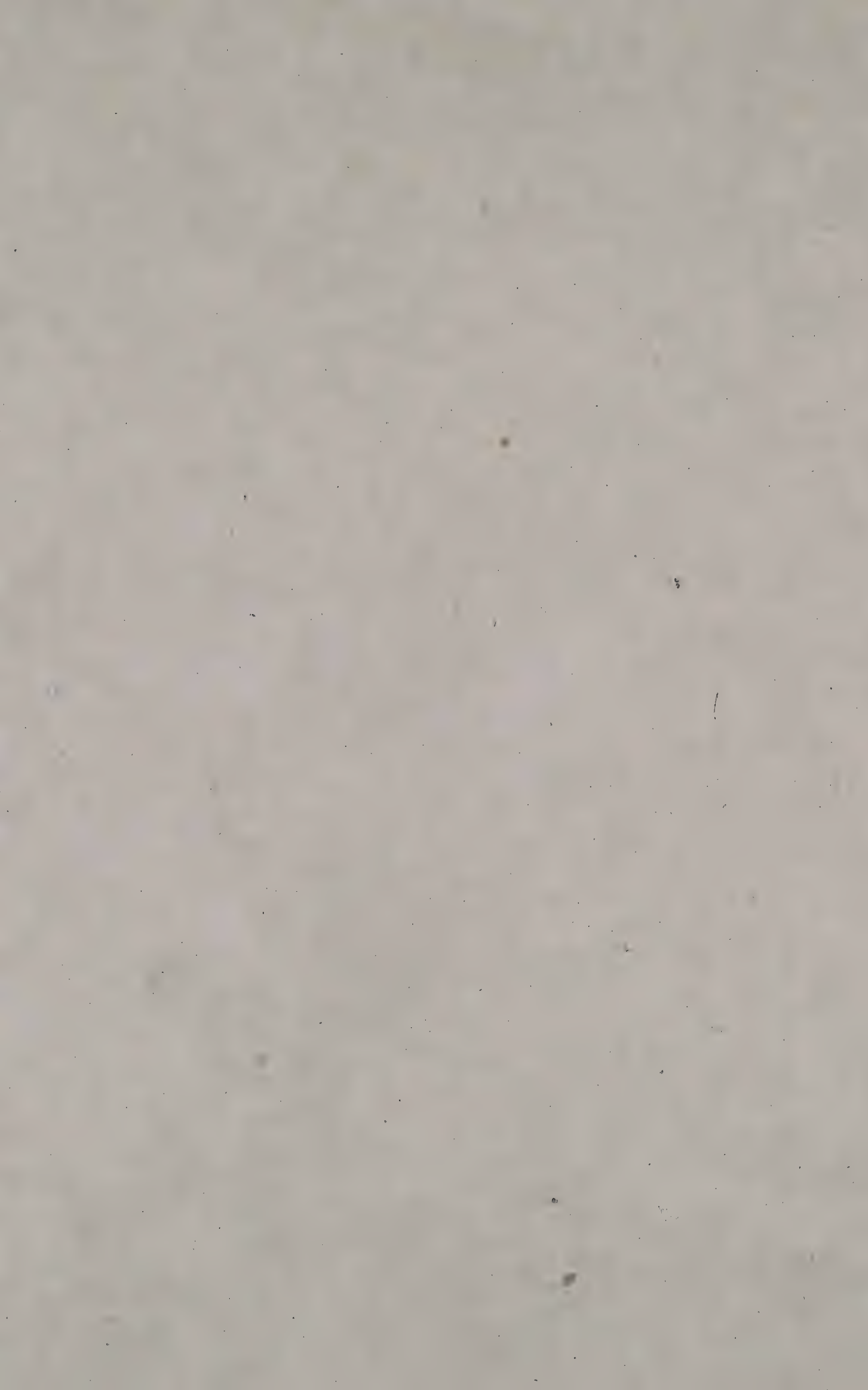
Section along line AB
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.





ERRATA

Boundary Monument	144 should be deleted
"	"
"	146 " "
"	147 " "
"	148 " "
"	149 " "
"	150 " "
"	151 " "
"	152 " "
"	153 " "
"	154 " "
"	155 "

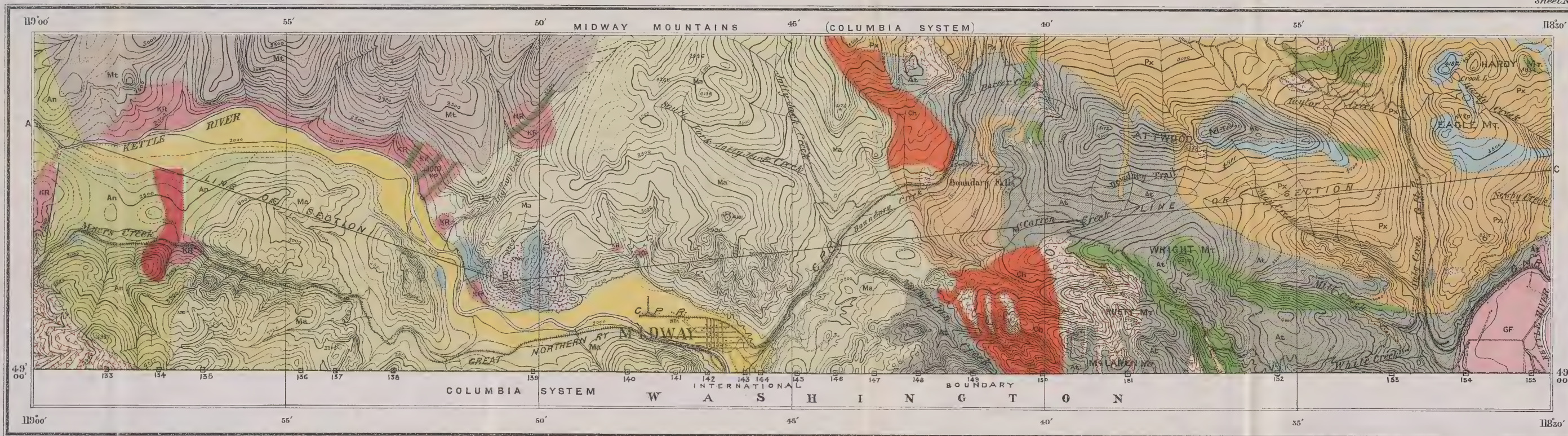


LEGEND

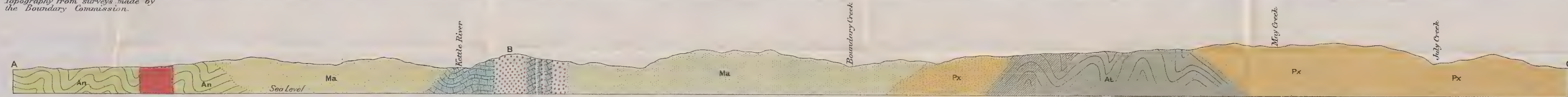
PLEISTOCENE
& RECENT
MIOCENE
OLIGOCENE
CARTONIFEROUS
CARTONIFEROUS
JURASSIC
MIOCENE

- Alluvium and glacial drift
- Ma Midway volcanic group
trachyte and andesitic rhyolite porphyry;
flows and pyroclastic deposits
- Ma Midway volcanic group
andesites and basalts; flows and pyroclastic
deposits
- KR Kettle river formation
sandstone, conglomerate, shale, etc.
- Px Phoenix volcanic formation
flows and pyroclastic deposits of andesite, etc.
- At Attwood series
argillite, quartzite, limestone
- An Anarlist series
quartzite, phyllitic shales, gneiss, etc. with
some limestone beds
- Limestone
crystalline, bluish-grey to white
- Ch Chlorite and hornblende schist
- GF Grand Forks schist
amphibolite, hornblende schists, etc.
- Intrusive
- Pulaskite porphyry
dikes and sills
- Rh Rhomb - porphyry
- Porphyrite
chemically altered and sills
- Granodiorite
stocks, dikes, etc.
- Serpentine
dikes, etc.
- Symbols
- Geological boundary
- Glacial striae

Note. Structures shown in schists and limestone merely
diagrammatic. On account of the small scale,
many dikes and intrusive sheets of porphyrites and
porphyries, as well as granodiorite apophyses are
not plotted. Similarly many dikes which are syngenetic
with the volcanics are not shown.
Localities of chemically analyzed
rocks, shown thus, +1010



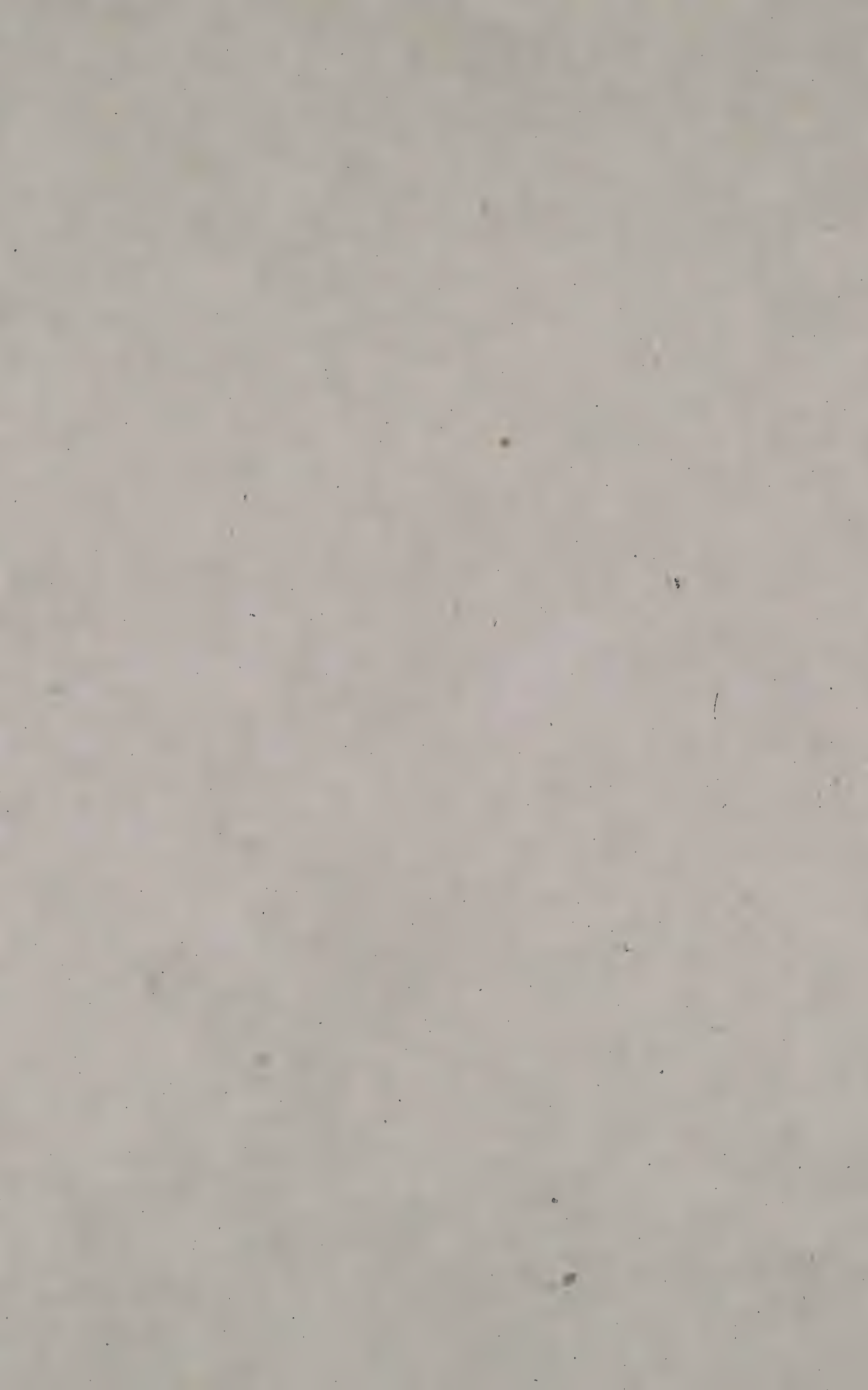
Topography from surveys made by
the Boundary Commission.



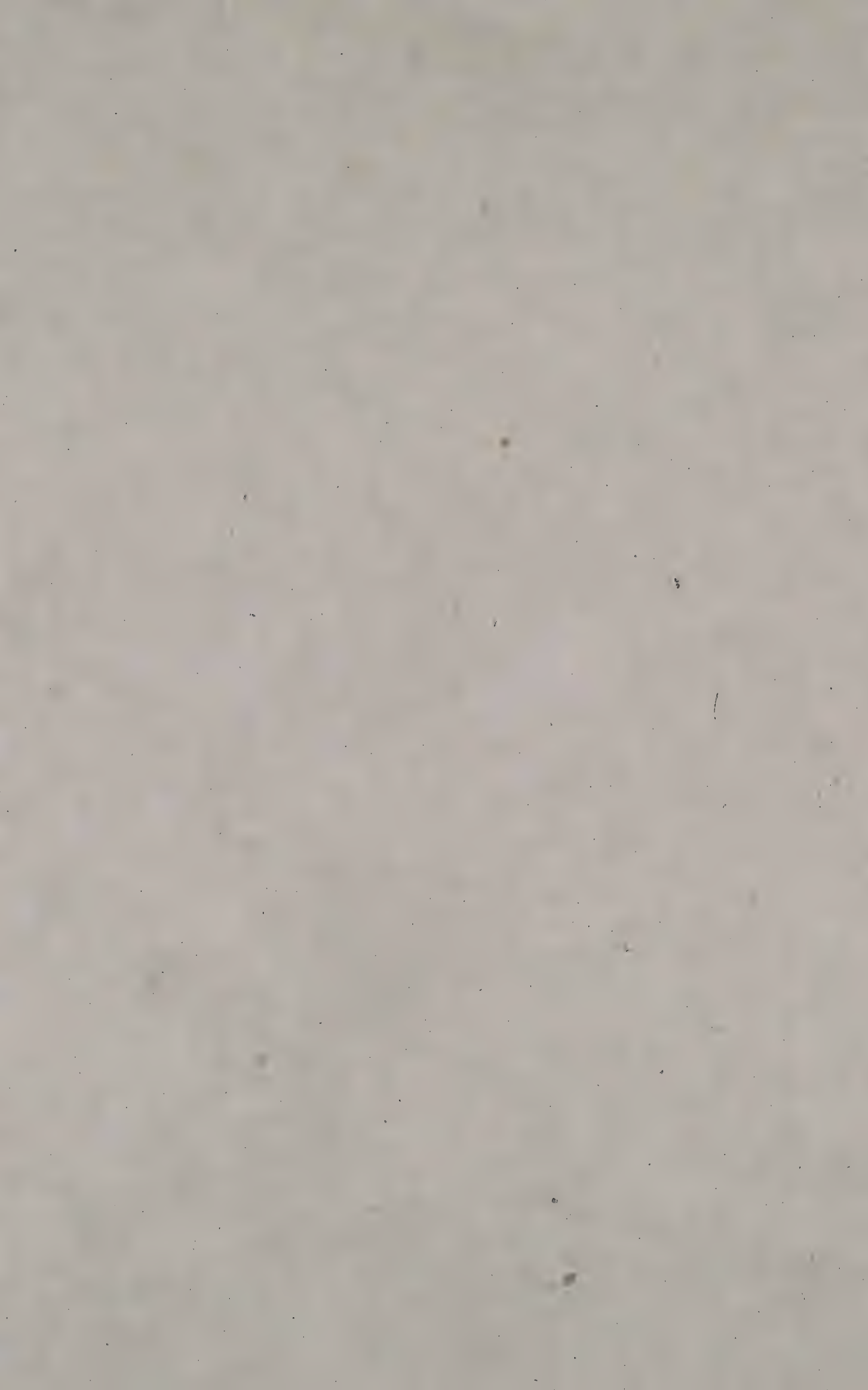
Section along line A-B-C
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

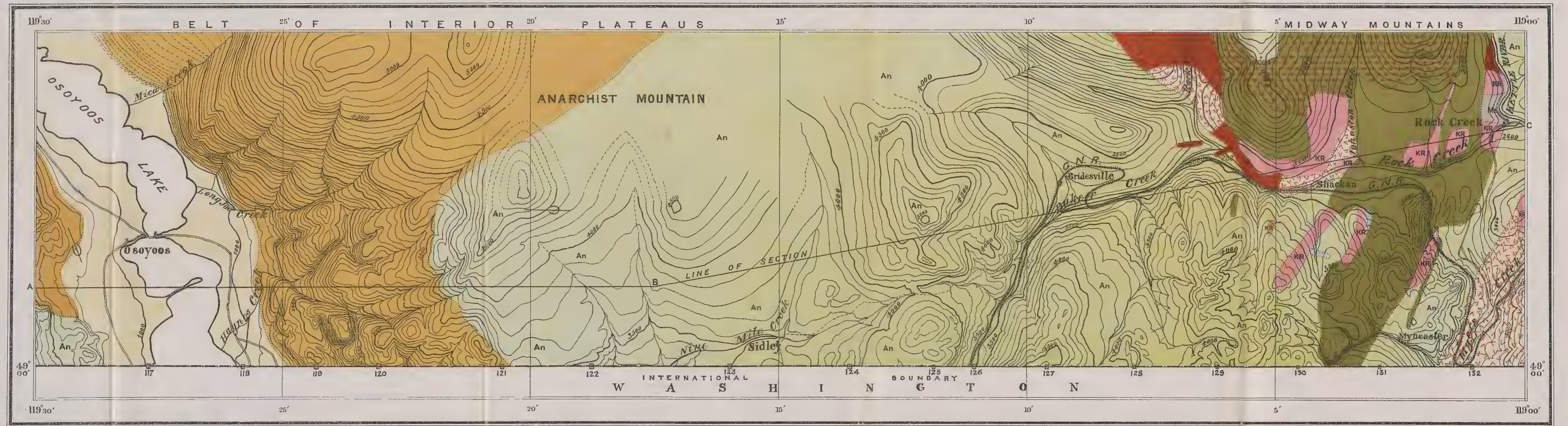
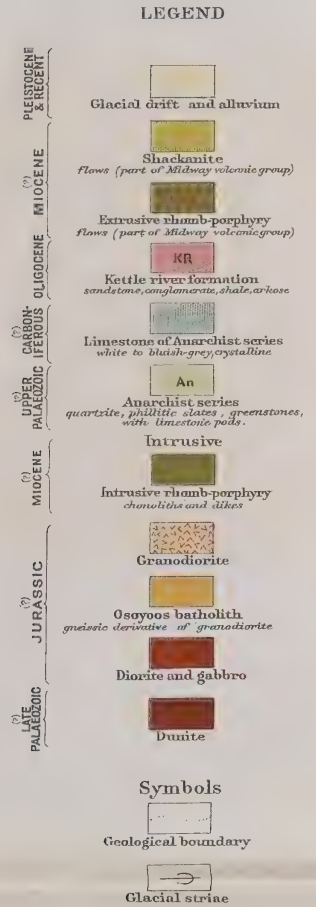
Scale: 82500 = 0.9864 Statute Miles to 1 Inch
Miles

Contour interval, 100 feet

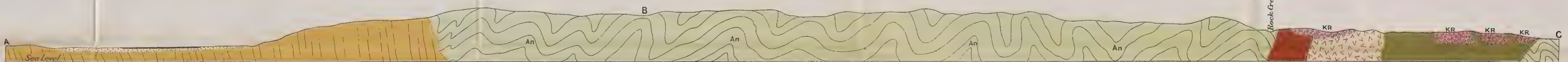








Topography from surveys made by the Boundary Commission.



Note: Structures of Anarchist series shown in the section, merely diagrammatic.
Localities of chemically analyzed rocks, shown thus, 4295

GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

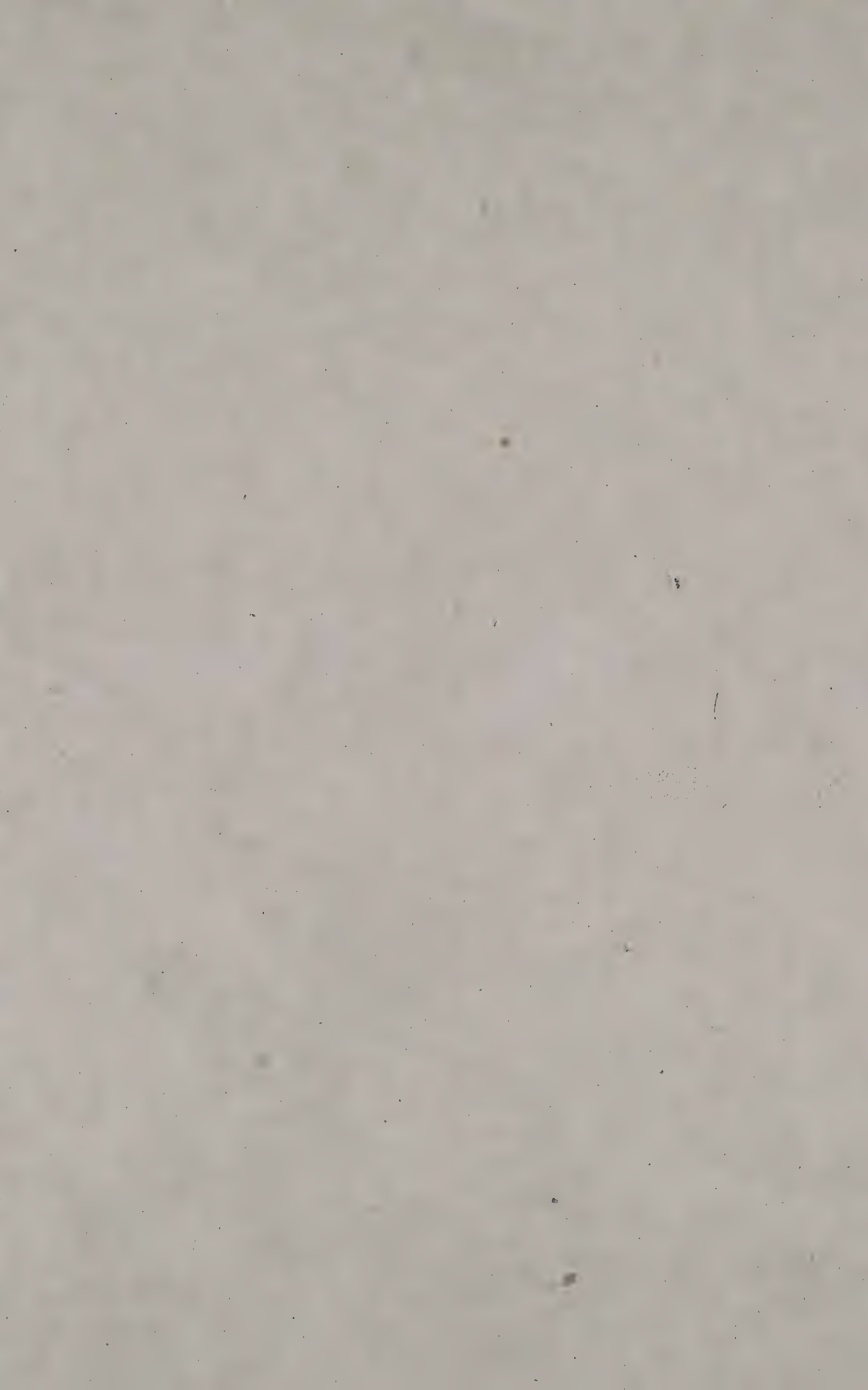
Scale: 62500—09864 Statute Miles to Inch



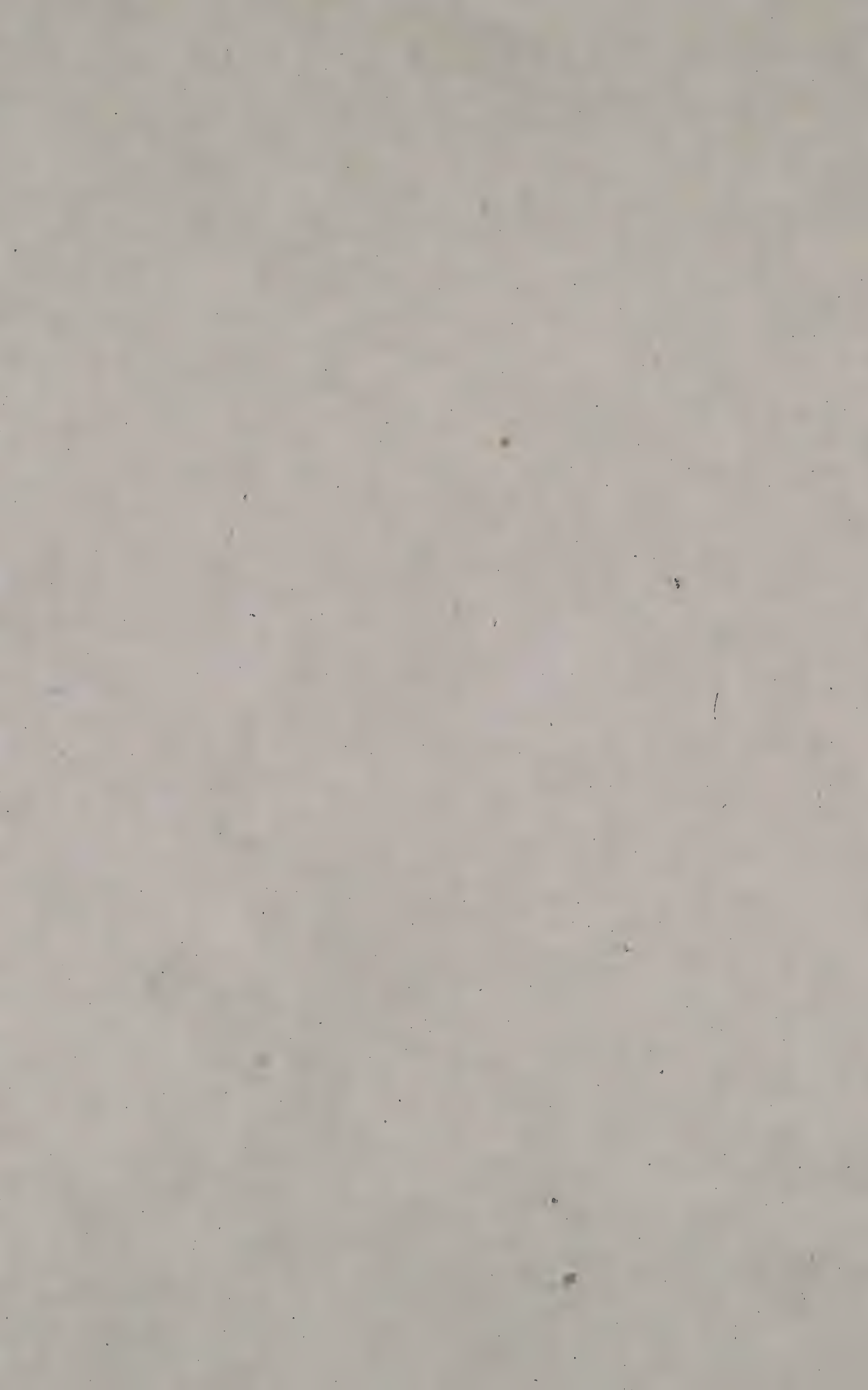
Contour interval, 100 feet

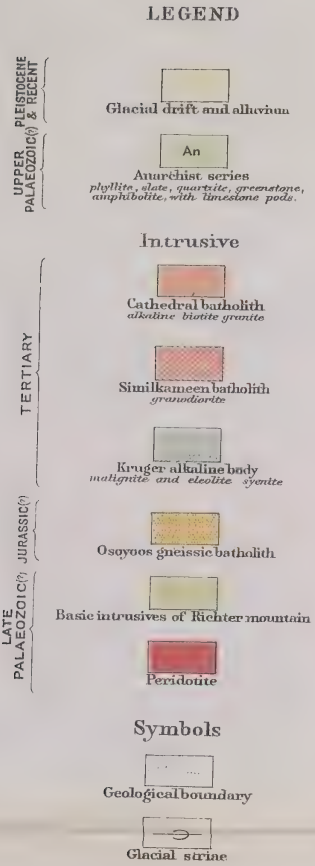
MAP 84A

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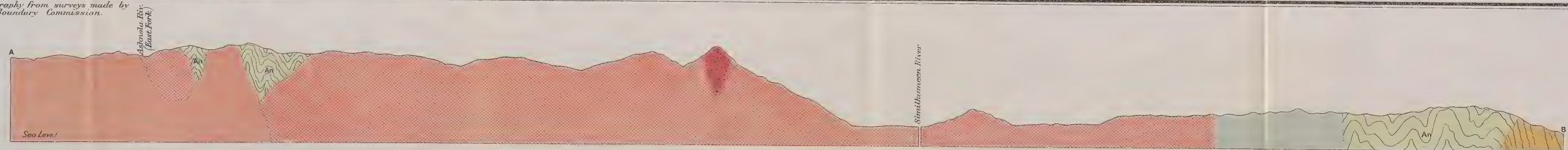
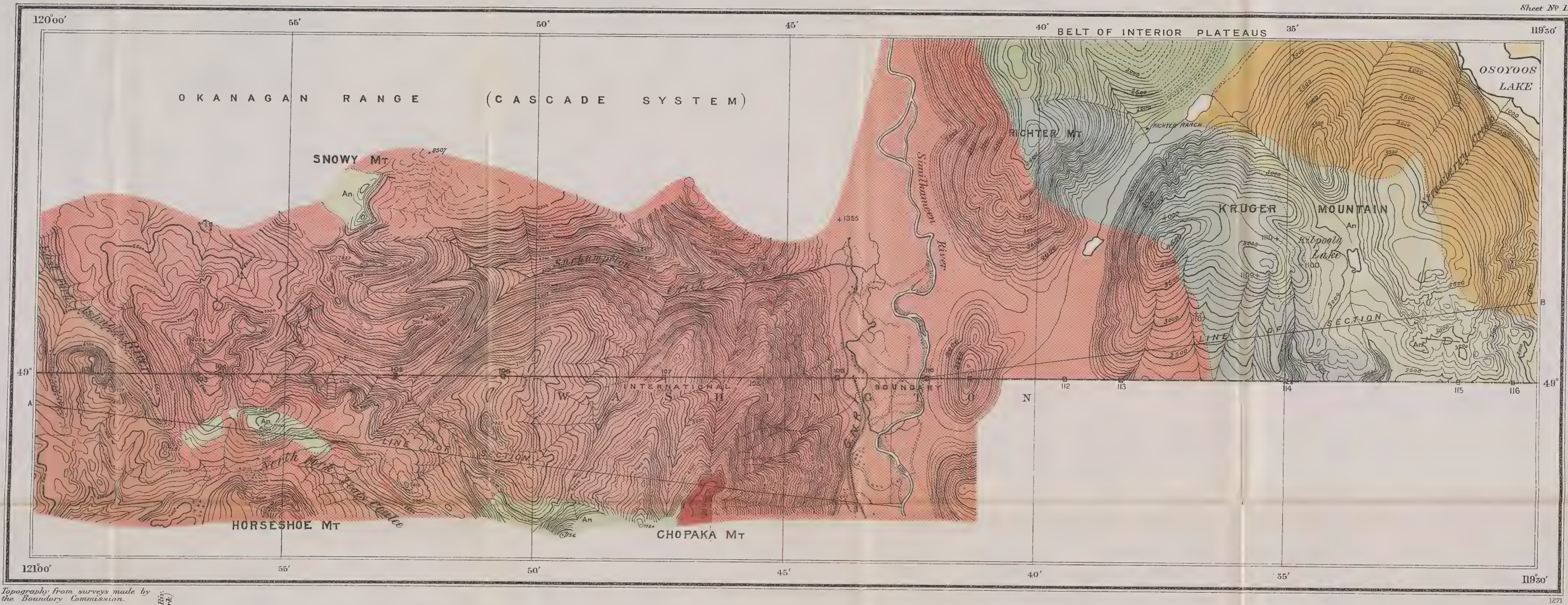






Note. Structure of Anarchist series, shown in section, merely diagrammatic.
Localities of chemically analyzed rocks, shown thus: +1100

Topography from surveys made by the Boundary Commission.



GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

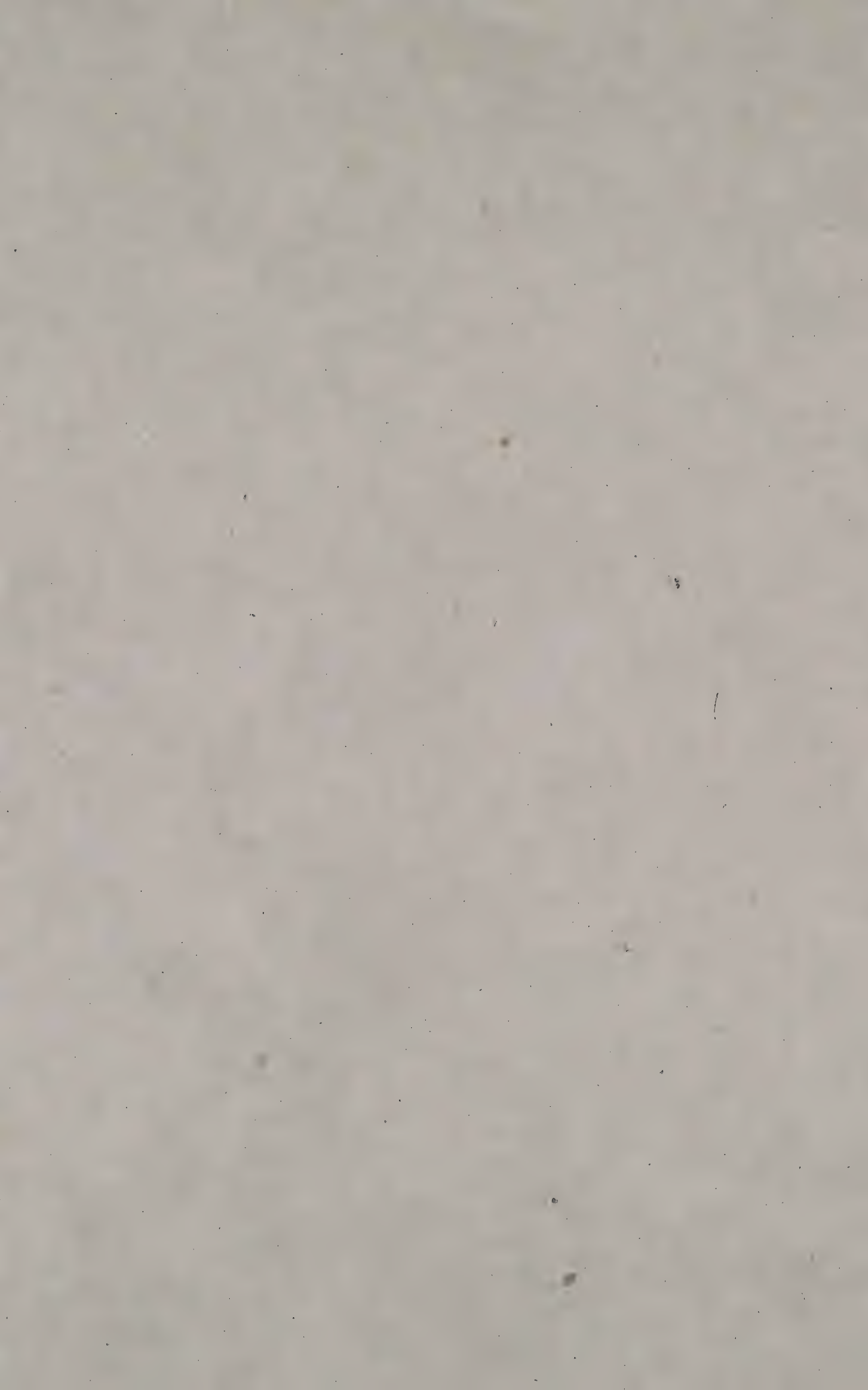
Scale: 1 inch = 0.9864 Statute Miles to 1 inch

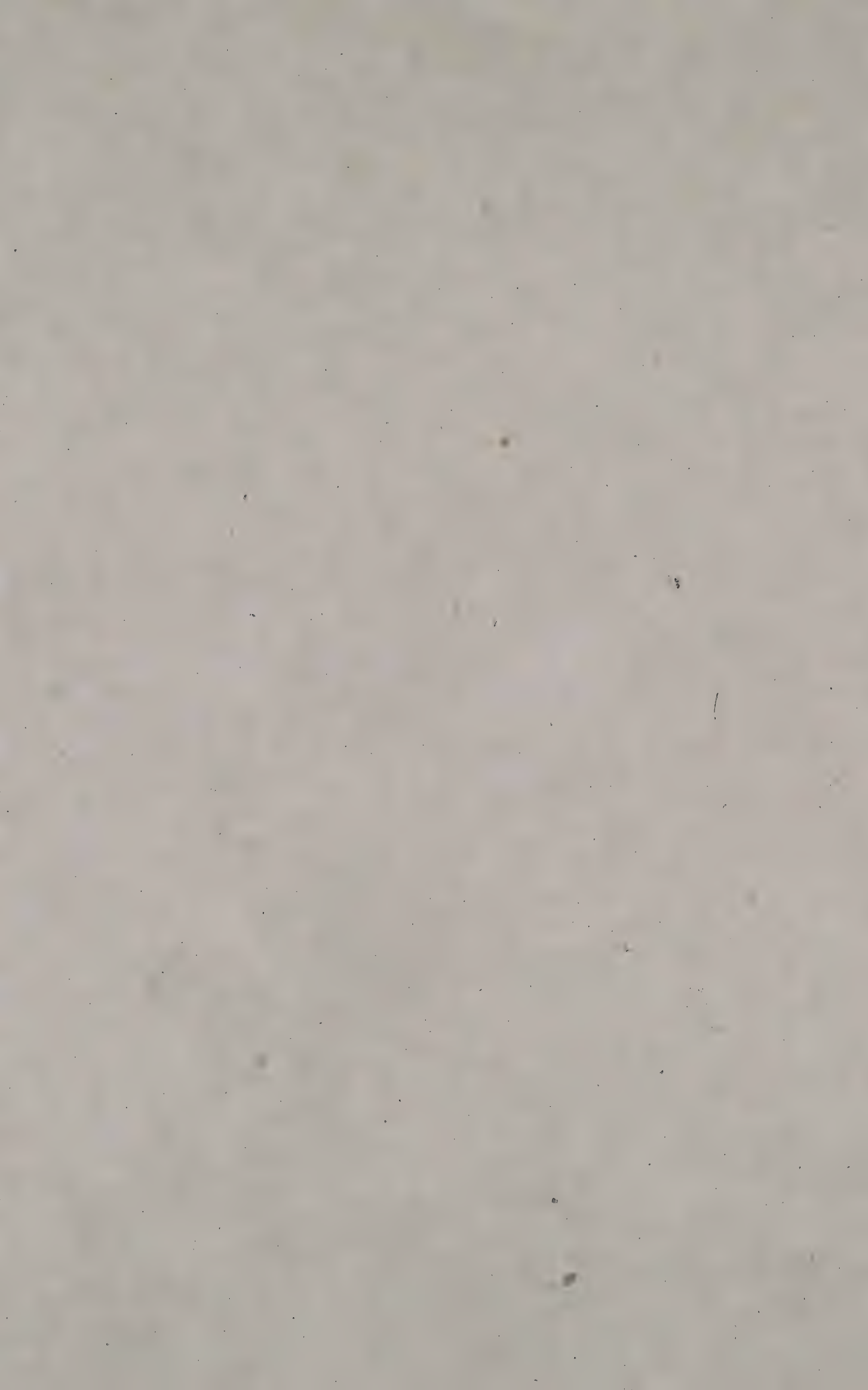


Contour interval, 100 feet


MAP 85 A




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




LEGEND



PLEISTOCENE

 Vesicular dikes of basalt (Bauernrücken) and andesite (cutting Basic Complex)

TERTIARY

 Park granite stocks

 Cathedral batholith, younger phase, calcic phase

 Cathedral batholith, older phase, alkaline biotite granite

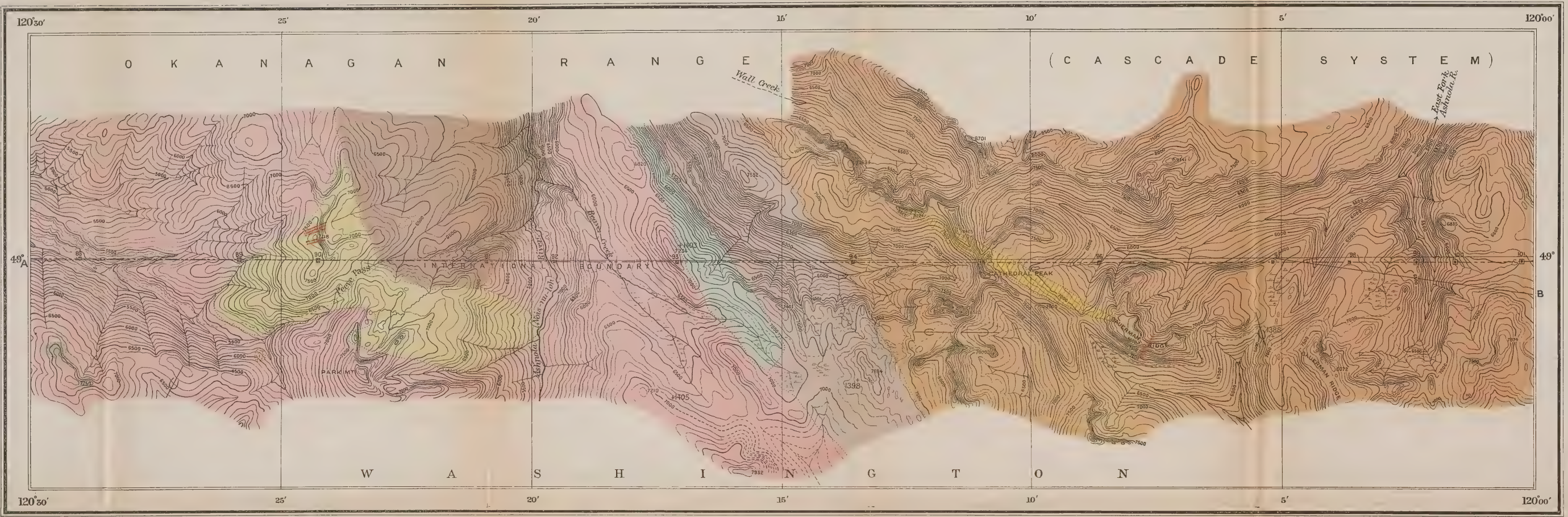
LOWER CRETACEOUS

 Agglomerate

JURASSIC (?)

 Rommel batholith, Eastern phase; highly calcic derivative of sheared granodiorite

 Rommel batholith, Western phase; sheared granodiorite

LATE PALAEOZOIC (?)

 Ashmole gabbro

 Basic complex

Symbols

 Geological boundary

 Glacial striae

Note. Localities of chemically analyzed rocks, shown thus: + 1368

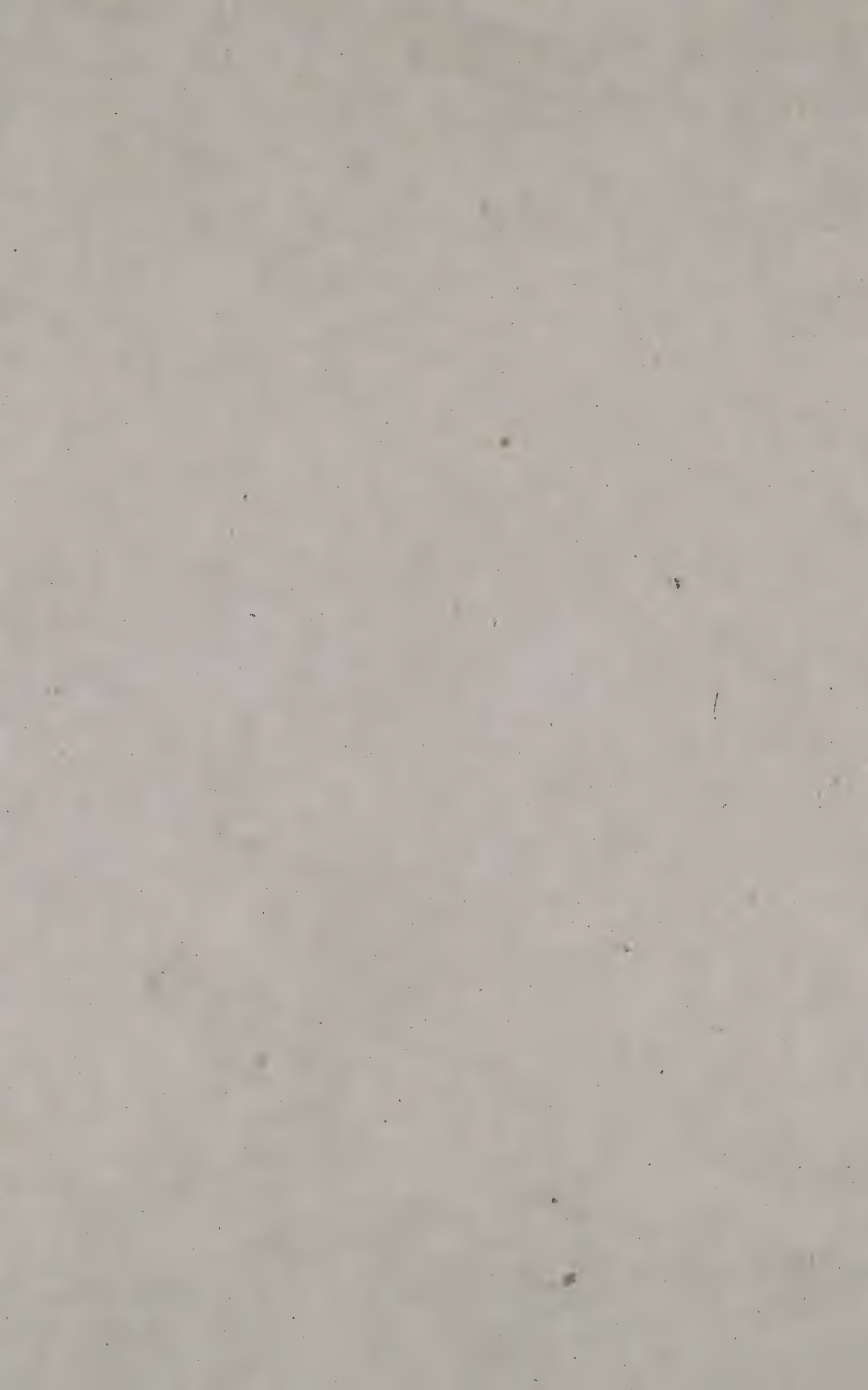


Topography from surveys made by the Boundary Commission.

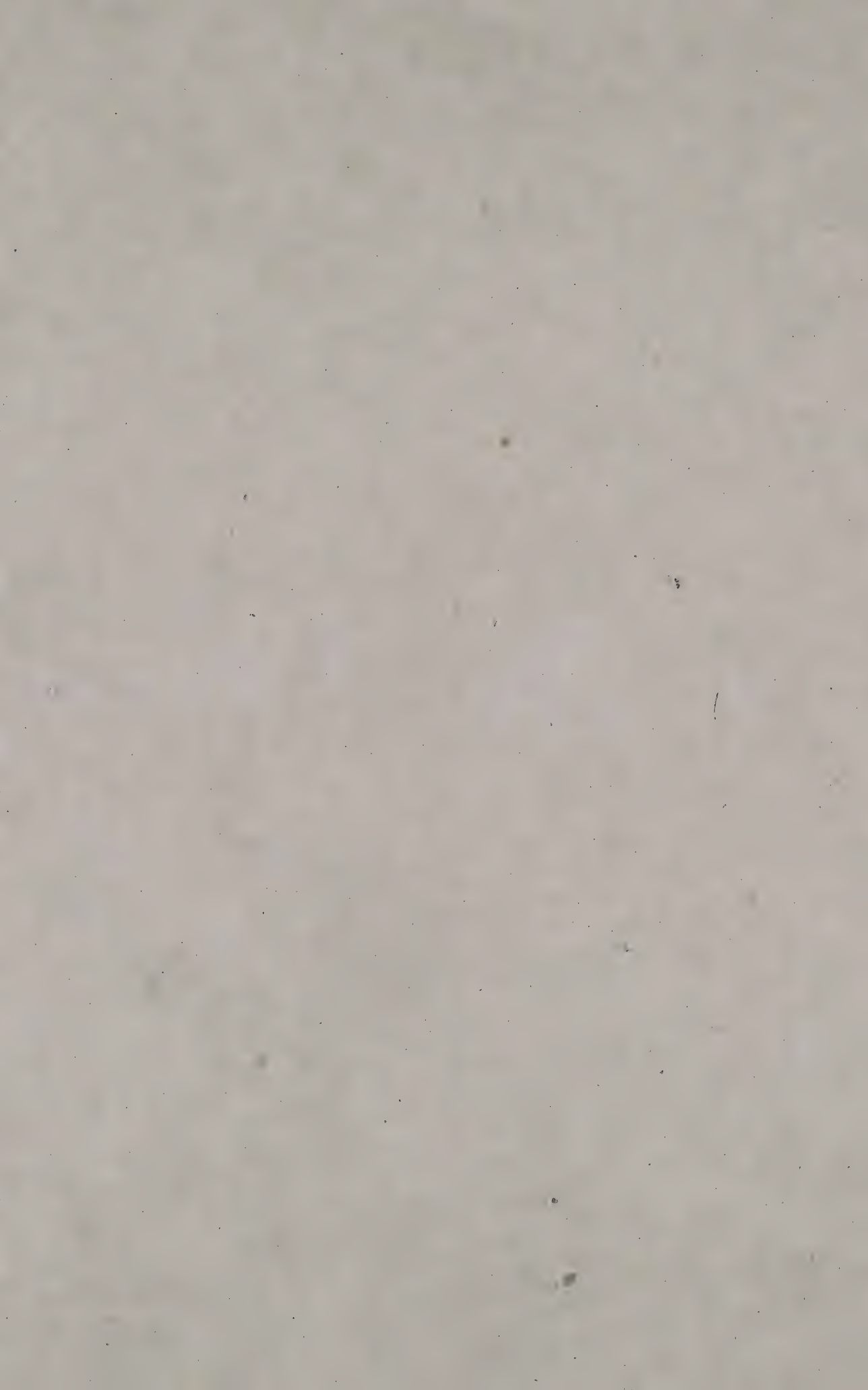


Section along line A B
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A.Daly.
 Scale: $\frac{1}{62500} = 0.9864$ Statute Miles to 1 Inch
 Miles
 Contour interval, 100 feet

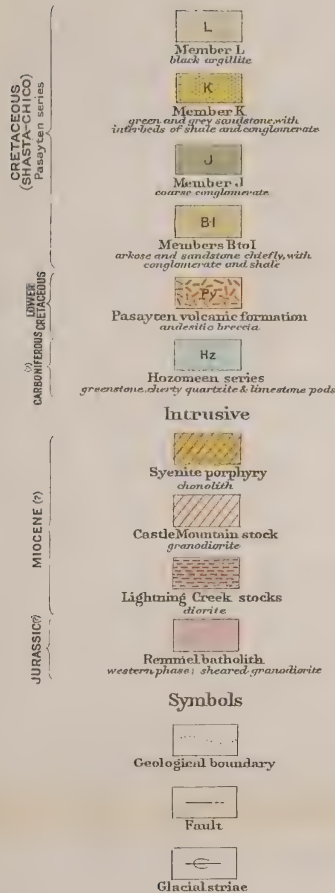
MAP 86A.
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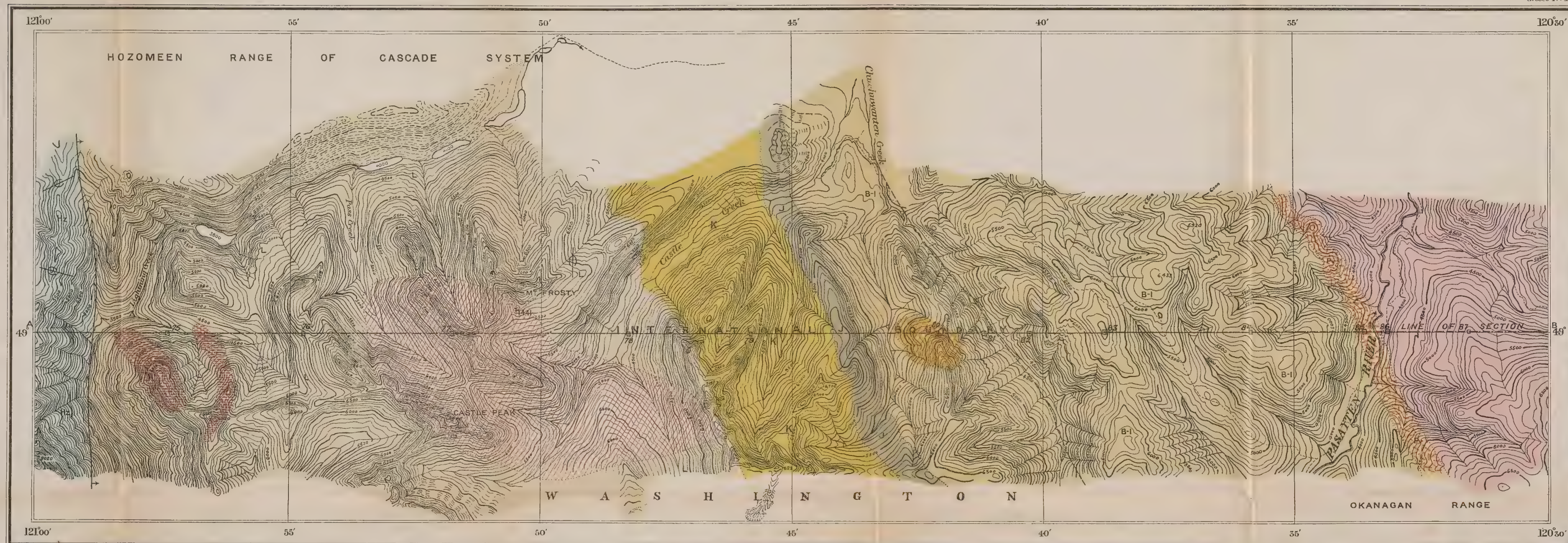
SHEET 14--HOZOMEEN RANGE



LEGEND



Note: Structure of Hozomeen series, shown
in section, merely diagrammatic.
Localities of chemically analyzed
rocks, shown thus, 41441



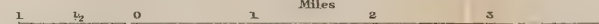
Topography from surveys made by
the Boundary Commission.



Section along line AB

GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

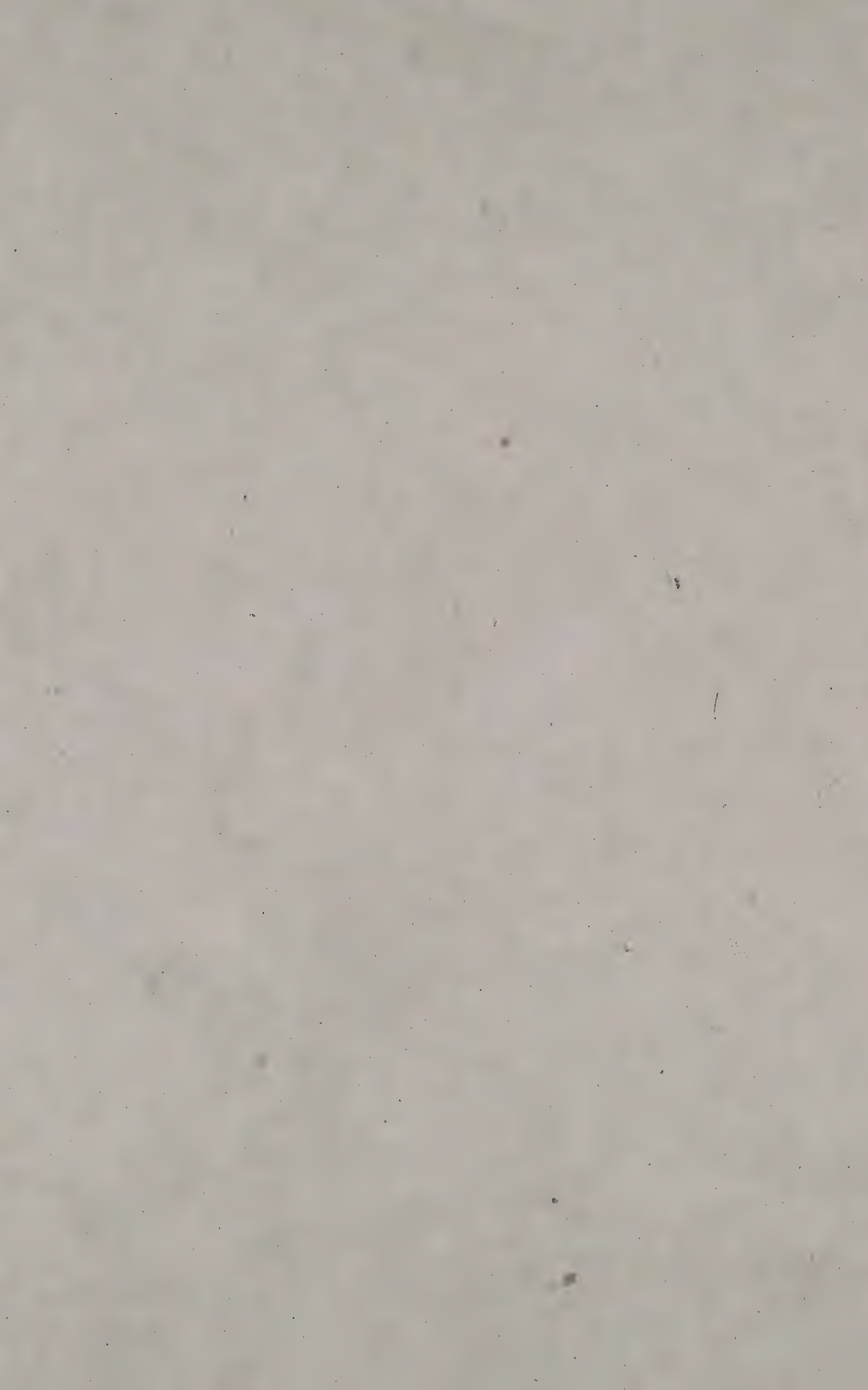
Scale: 62500 — 0.9864 Statute Miles to 1 Inch



Contour interval, 100 feet

MAP 87A

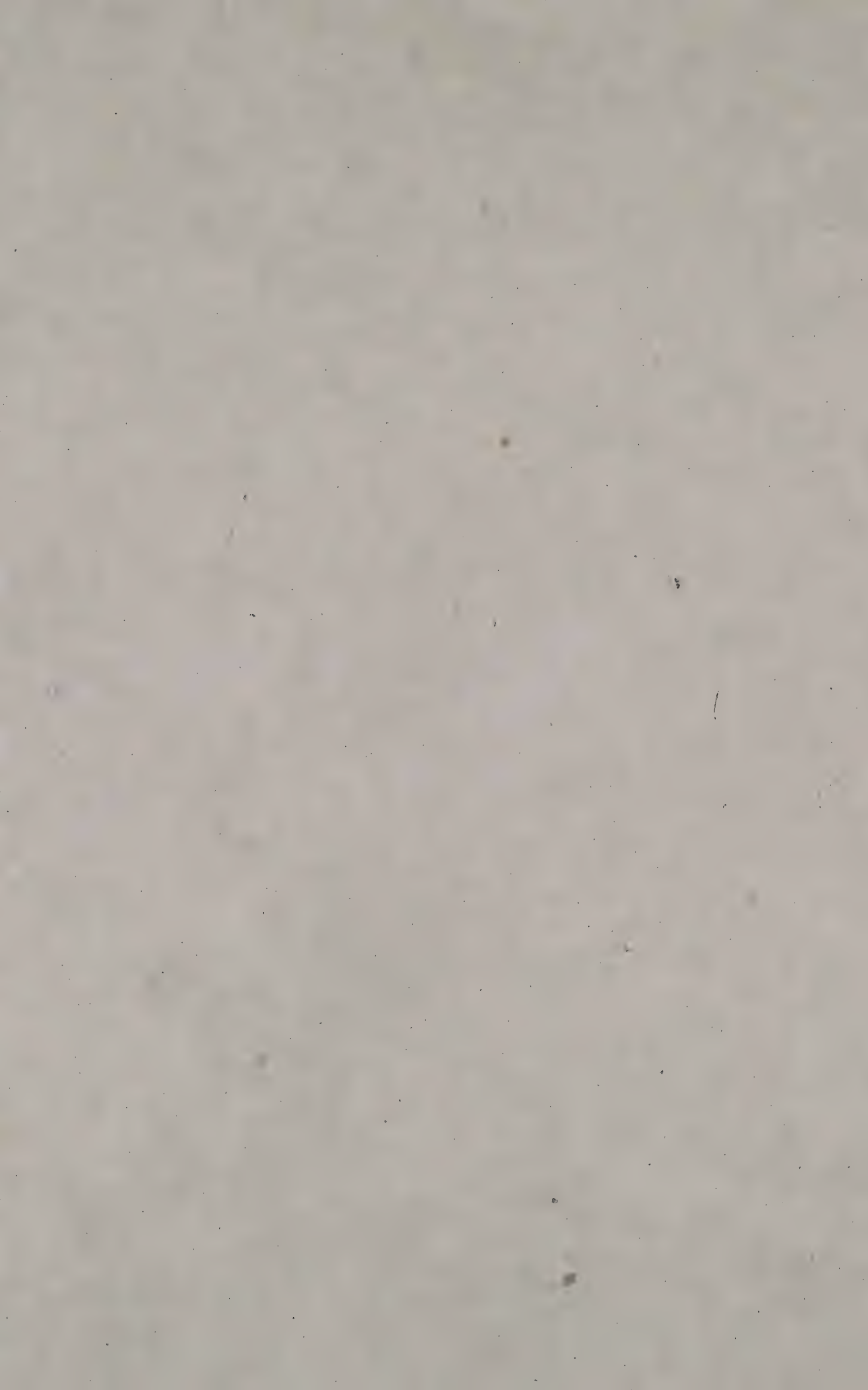
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to accompany Geological Survey Memoir No. 38



SHEET 15. SKAGIT RANGE

ERRATUM

Boundary Monument 99 is 1.02 miles west of Mon. 60



LEGEND

PLEISTOCENE & RECENT

Glacial drift and alluvium

OLIGOCENE (?)

Skagit volcanic formation
liparite tuff

Skagit volcanic formation
andesite flows and pyroclastic deposits

Ch

Chilliwack series
locally argillite and sandstone

Hs

Hozomeen series
cherty quartzite, greenstone,
phyllite, and limestone pods

Intrusive

Chilliwack batholith
granodiorite

Granite at Skagit River

Monzonite
stock and dikes

Harzburgite

Custer granite-gneiss
sheared granodiorite

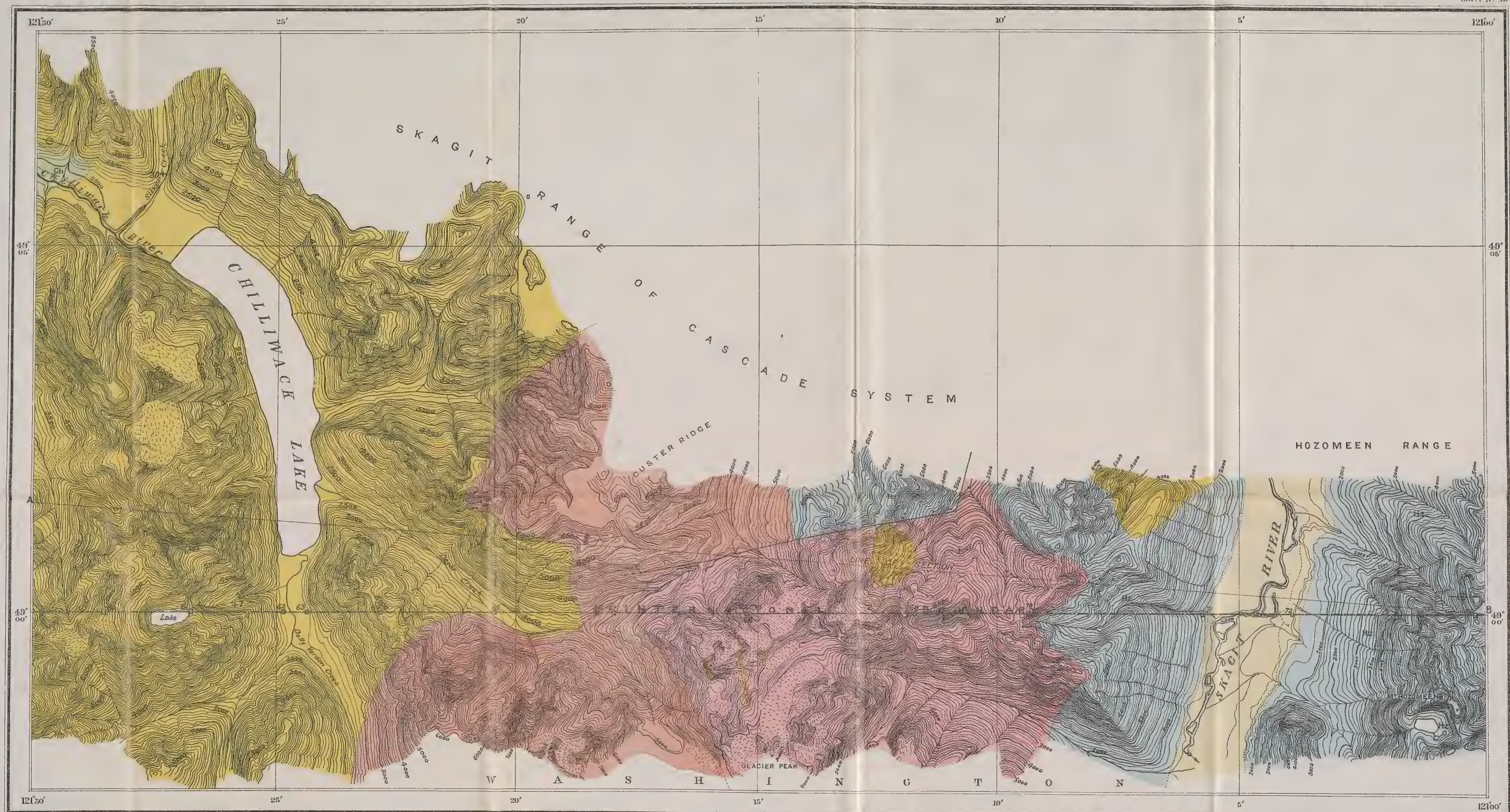
Symbols

Geological boundary

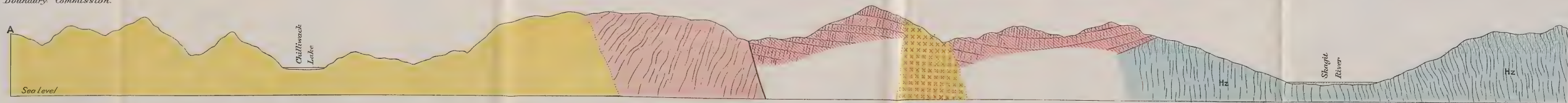
Fault

Glacial striae

Note. Structure of Hozomeen series shown on section merely diagrammatic. Localities of chemically analyzed rocks, shown thus, +.



Topography from surveys made by the Boundary Commission.



Section along line A B
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A.Daly.

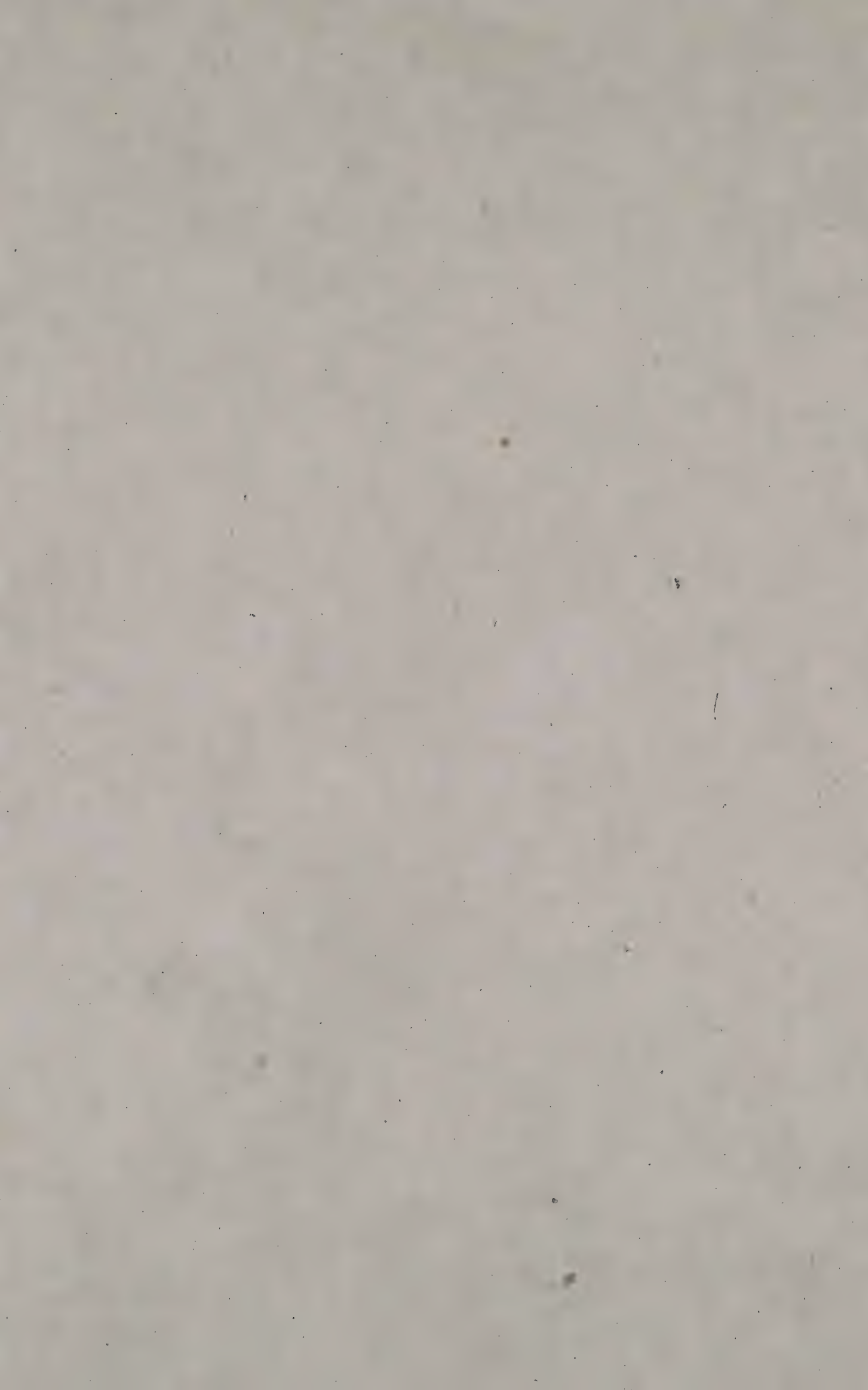
Scale: 62500—09864 Statute Miles to 1 inch

Miles 1 2 3 4

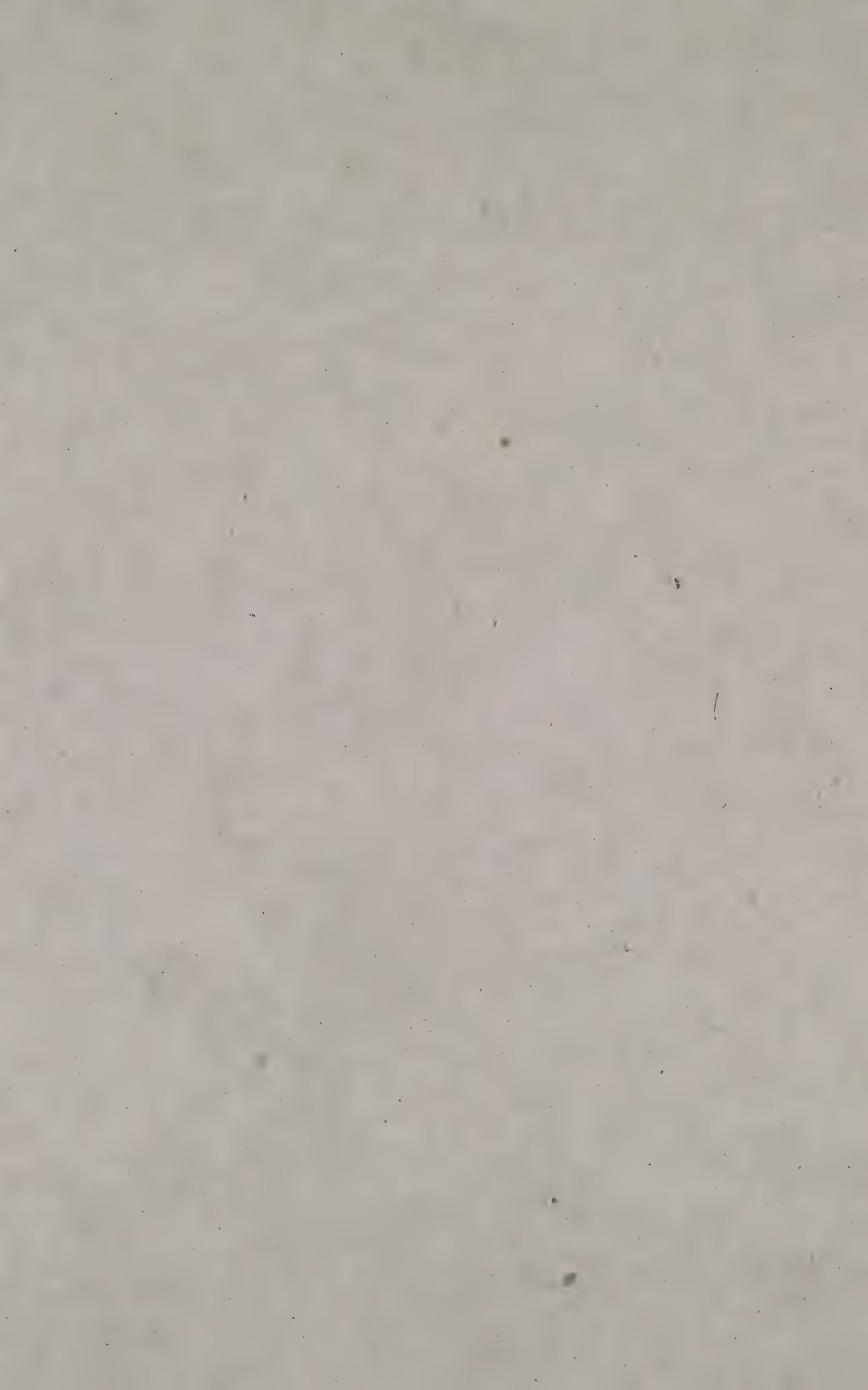
Contour interval. 100 feet

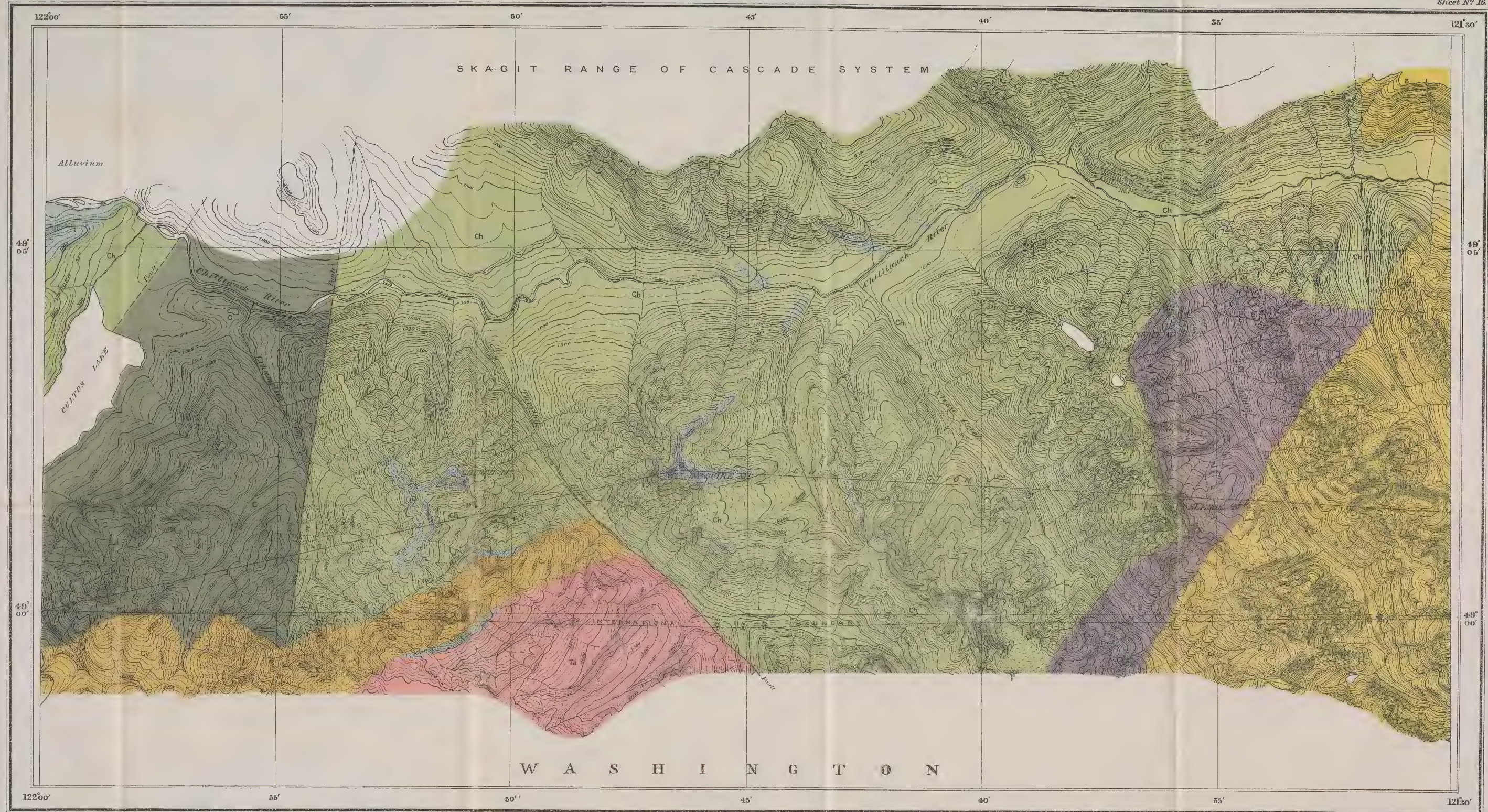
MAP 88A

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SHEET 16.—CHILLIWACK RIVER



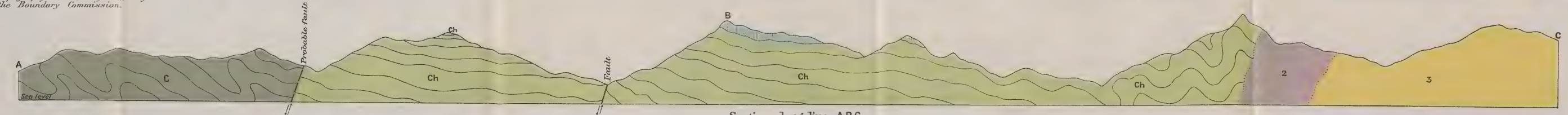


LEGEND

- LEGEND**
- TA**
Tumbly series
conglomerate, green and black sandstones,
and grey shales
- C**
Culus formation
dark grey to black argillite, with interbeds of grit,
sandstone and conglomerate
- Cv**
Chilliwack volcanic formation
chiefly flows of andesite and hornblende
andesite, with ash beds
- Ch**
Chilliwack series
outcrops of fossiliferous limestone
- Ch**
Chilliwack series
argillite, quartzite sandstone, and limestone,
with interbeds of grit and conglomerate
- Intrusive**
- 3**
Chilliwack batholith
granodiorite, with granitic phases
- 2**
Slesse stock
diorite
- 1**
Vedder greenstone
- Symbols**
- Geological boundary
- Fault

Note: Structure of Culus formation,
shown on section, merely diagram-
matic.
Localities of chemically analyzed
rocks, shown thus, + 34

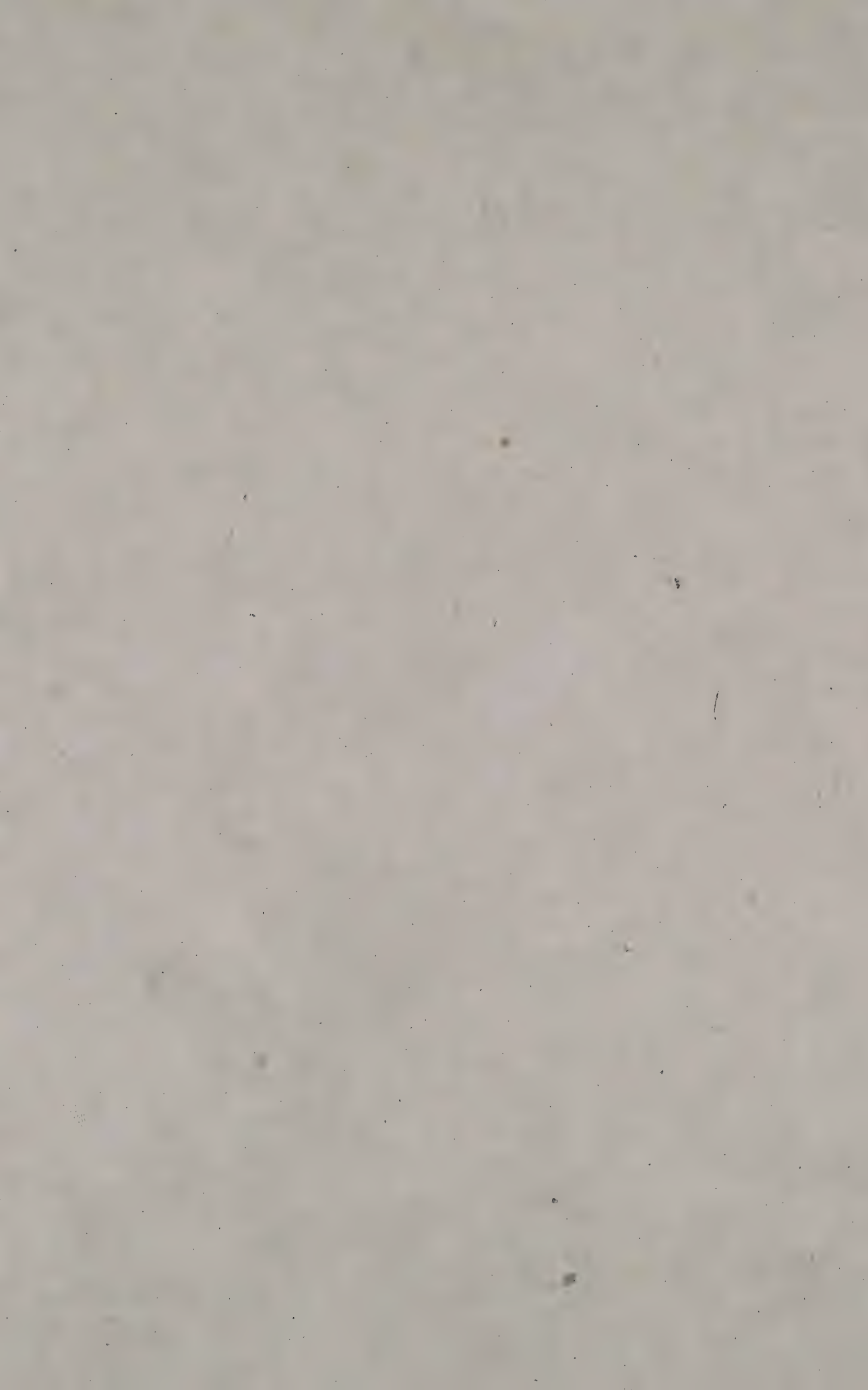
Topography from surveys made by
the Boundary Commission.



Section along line ABC
GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

Scale: 62500-09864 Statute Miles to 1 Inch
Miles 1 2 3 4

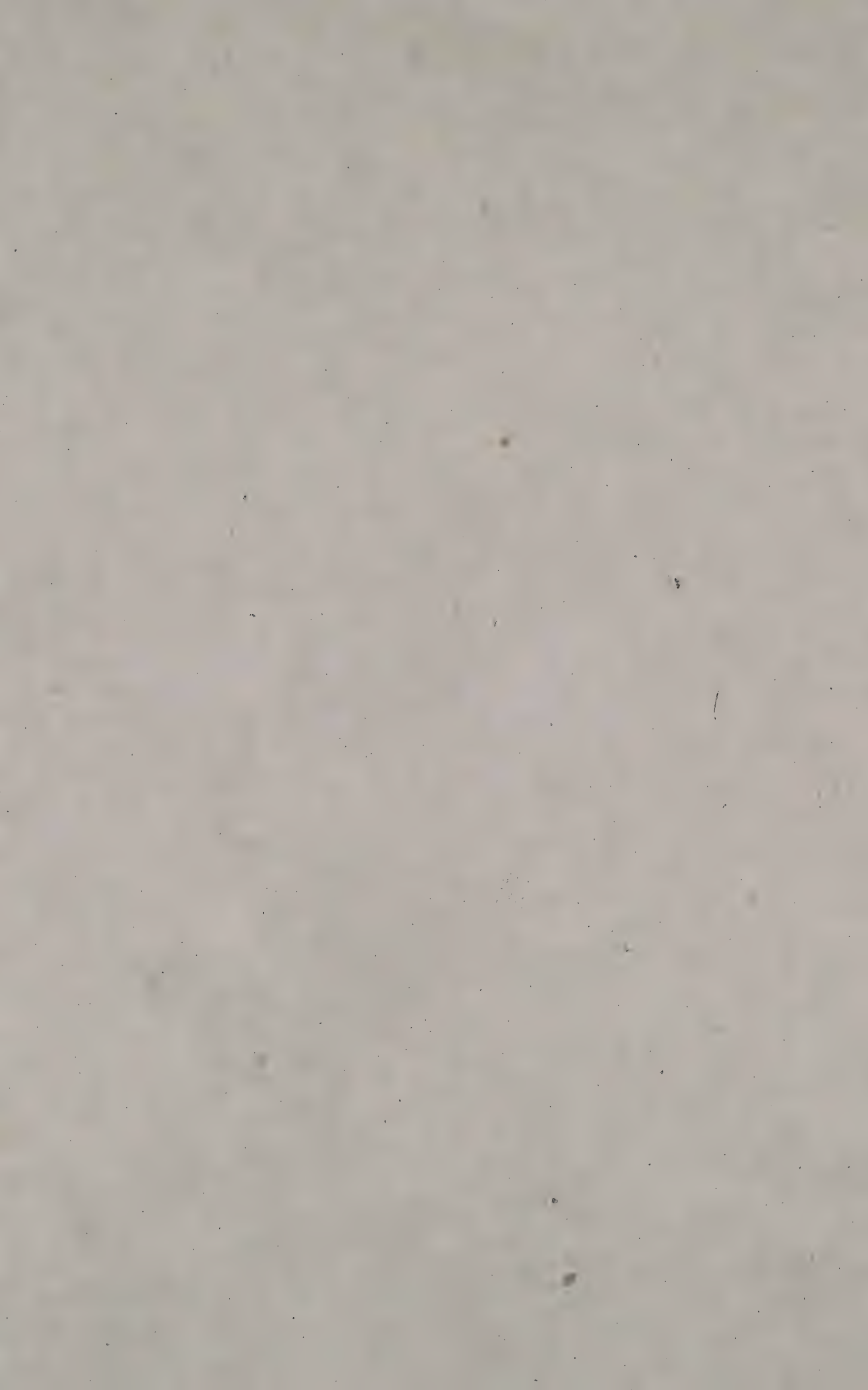
Contour interval, 100 feet

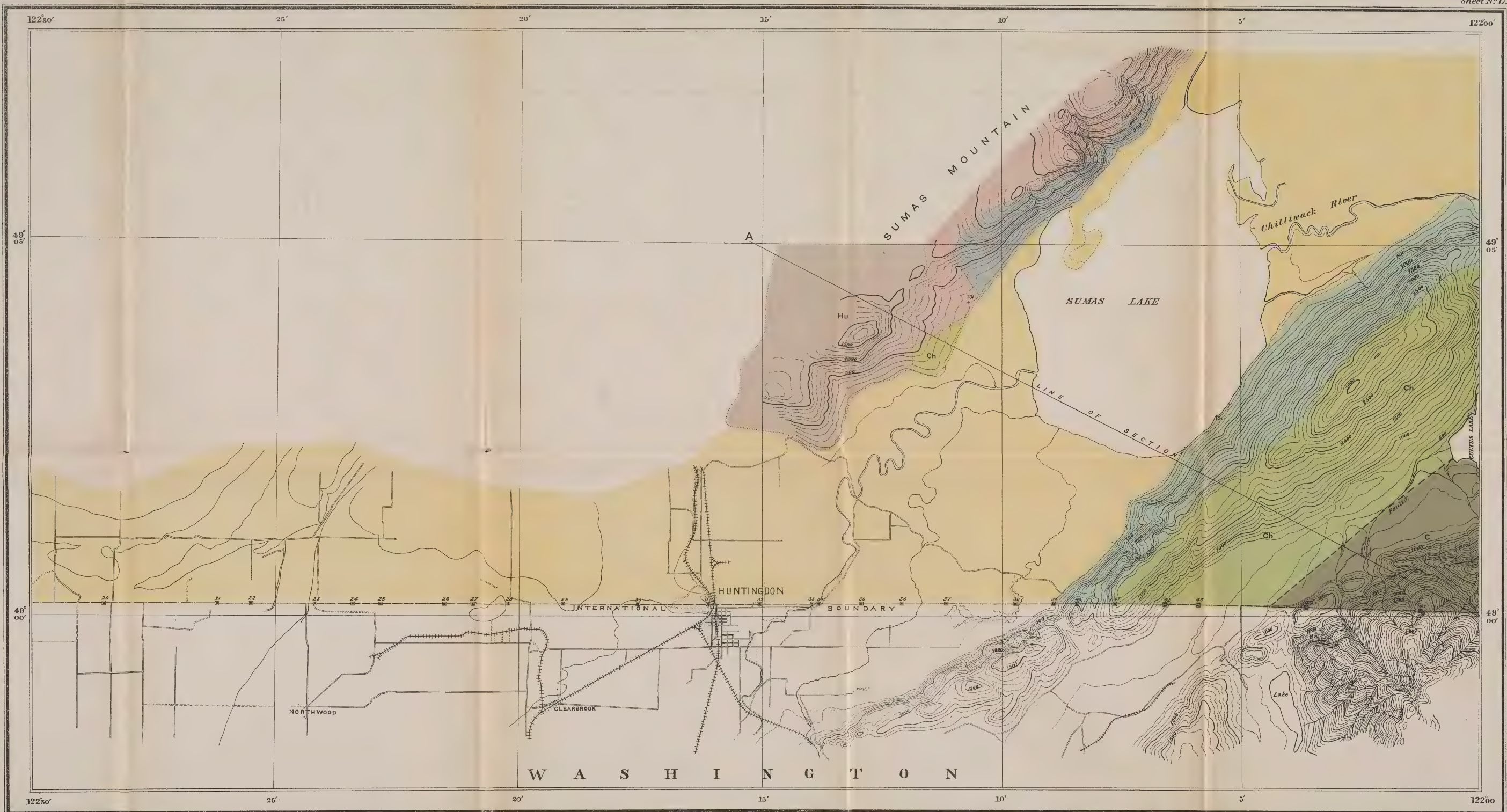


SHEET 17. SUMAS LAKE

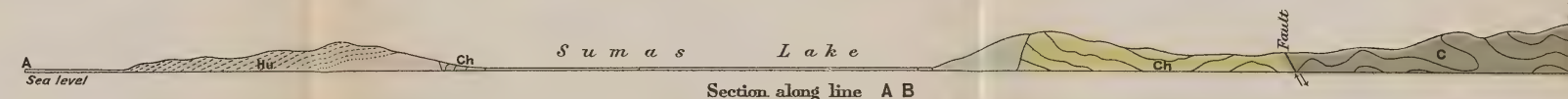
ERRATUM

Boundary Monument 19 is 0.94 miles west of Mon. 20



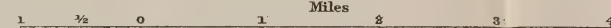


Topography from surveys made by the Boundary Commission.



GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

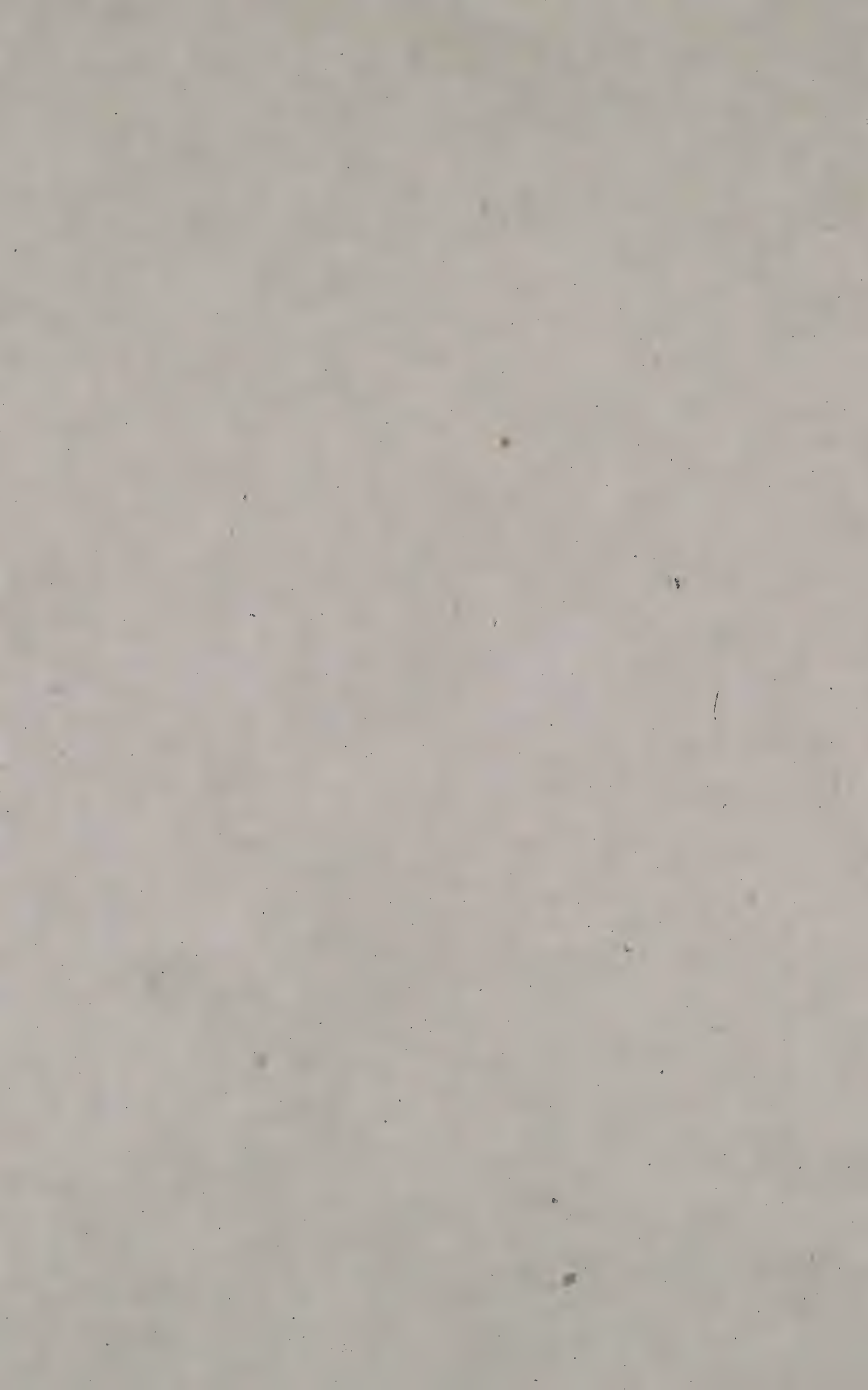
Scale: 62500 = 0.9864 Statute Miles to 1 Inch

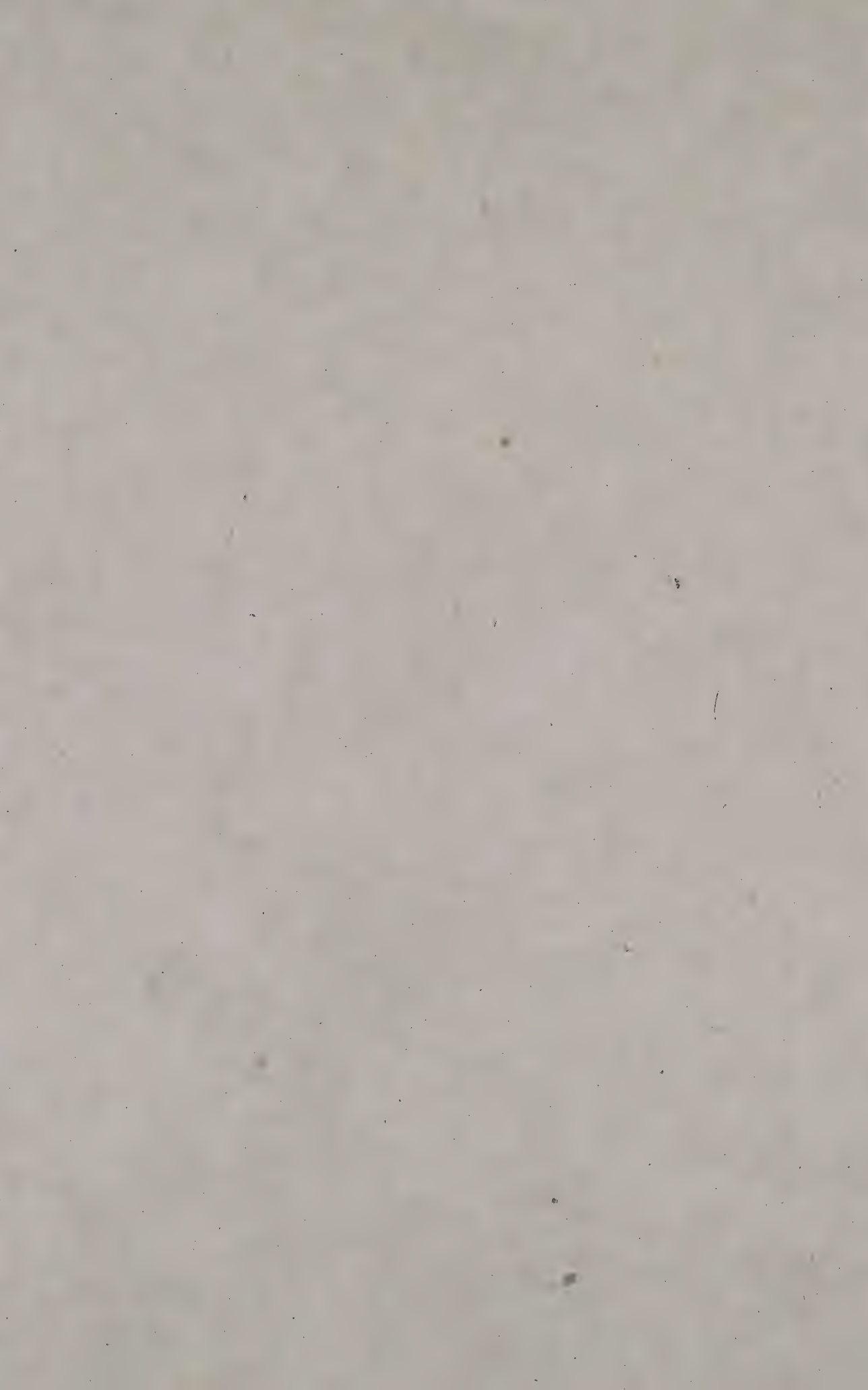


Contour interval, 100 feet

MAP 90 A

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Typical view in the Clarke range. Looking eastward from head of Starvation Creek. The slope in middle of view is composed of the Siyeh formation capped by the Purcell Lava which is overlain by the Kinda formation.

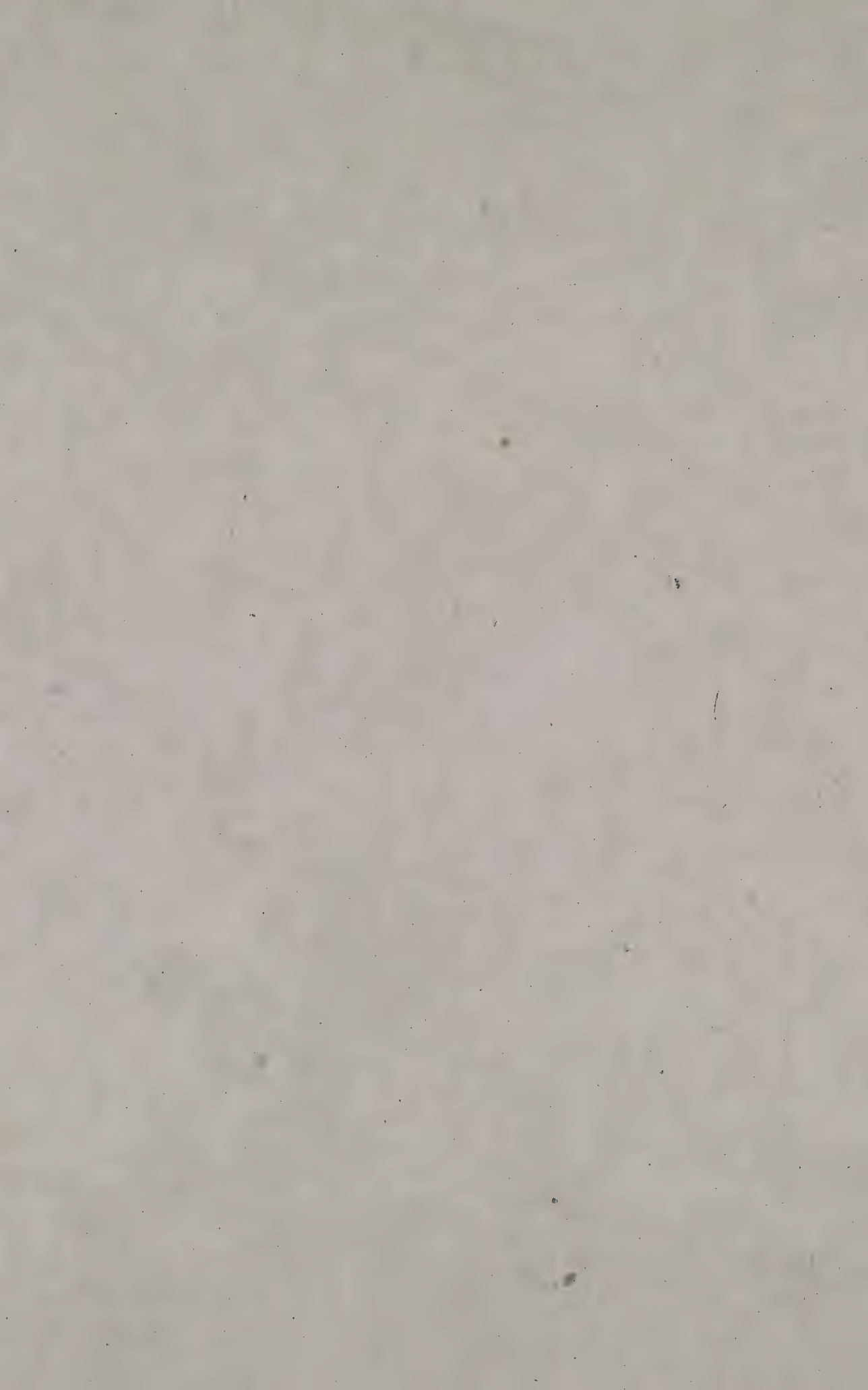


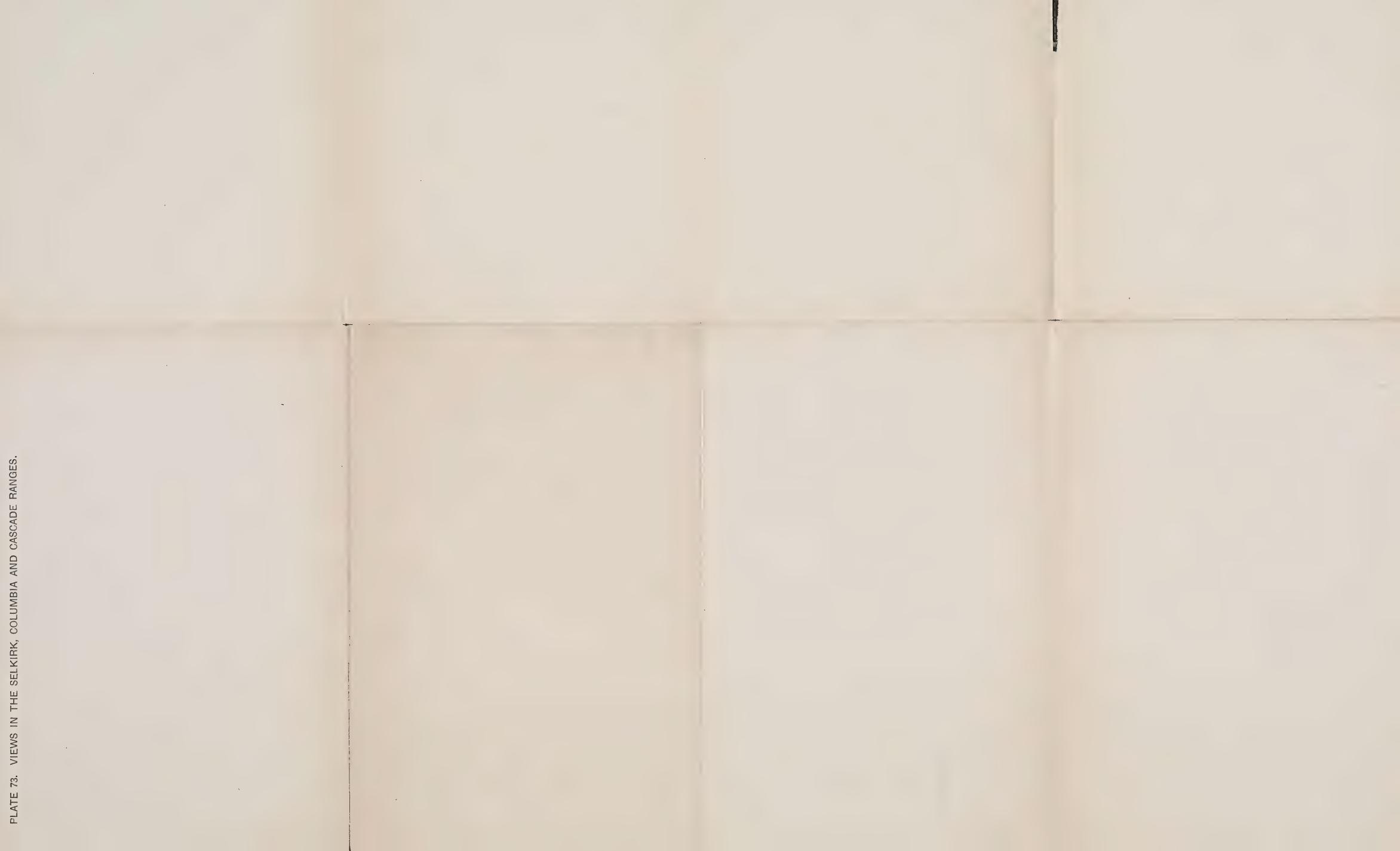
Summit of the Nelson range (Selkirk system). Looking north from a point a half-mile south of the Dewdney trail. Beehive Mountain distant, on the left.

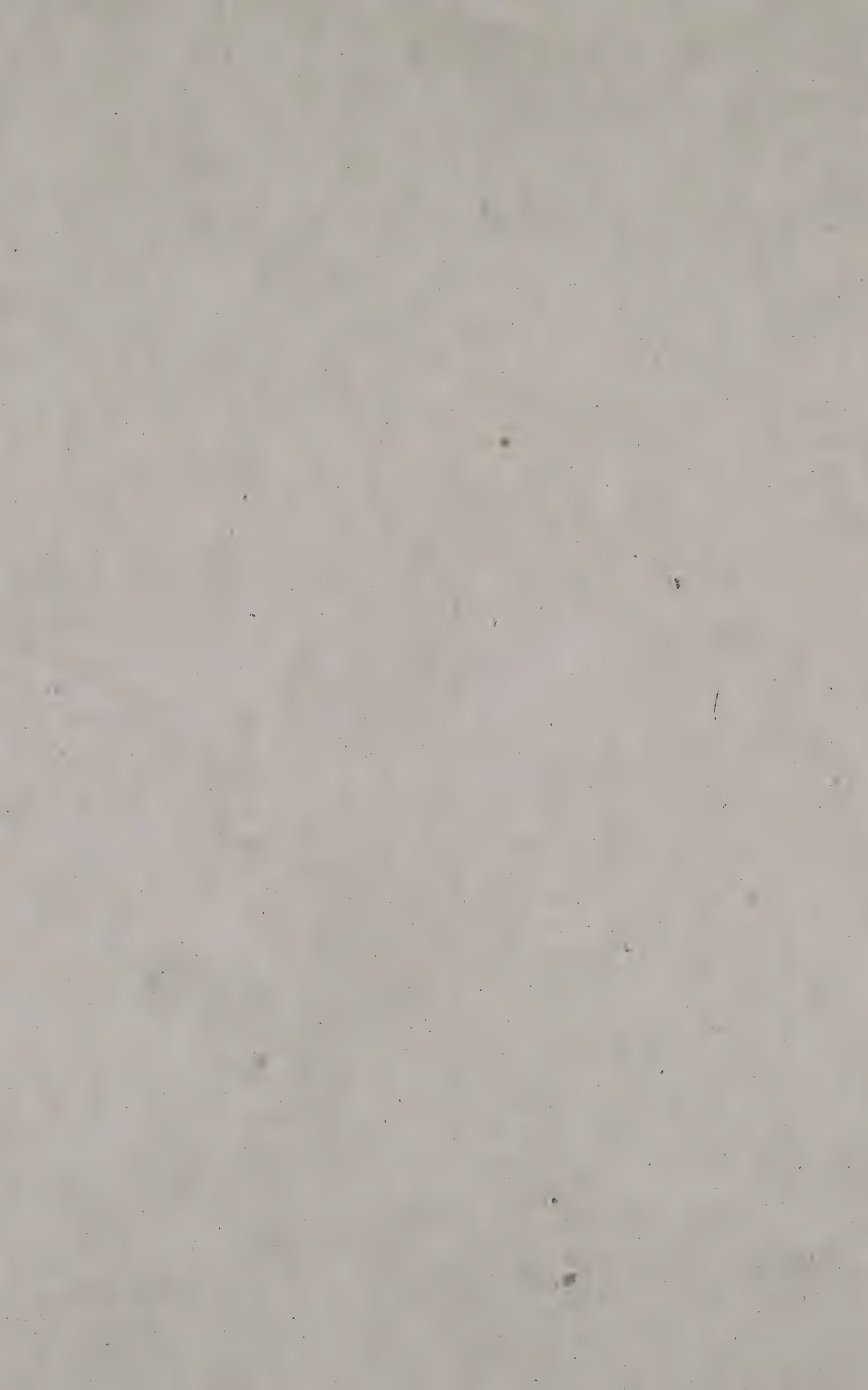


Nelson range, looking west from summit ridge north of Dewdney trail. Ridges of near distance composed of vertical quartzites, etc., of the Summit series.

(In pocket.)









Columbia River terrace and the Pend D'Oreille mountains (Selkirk system). Looking southwest from near International Boundary.

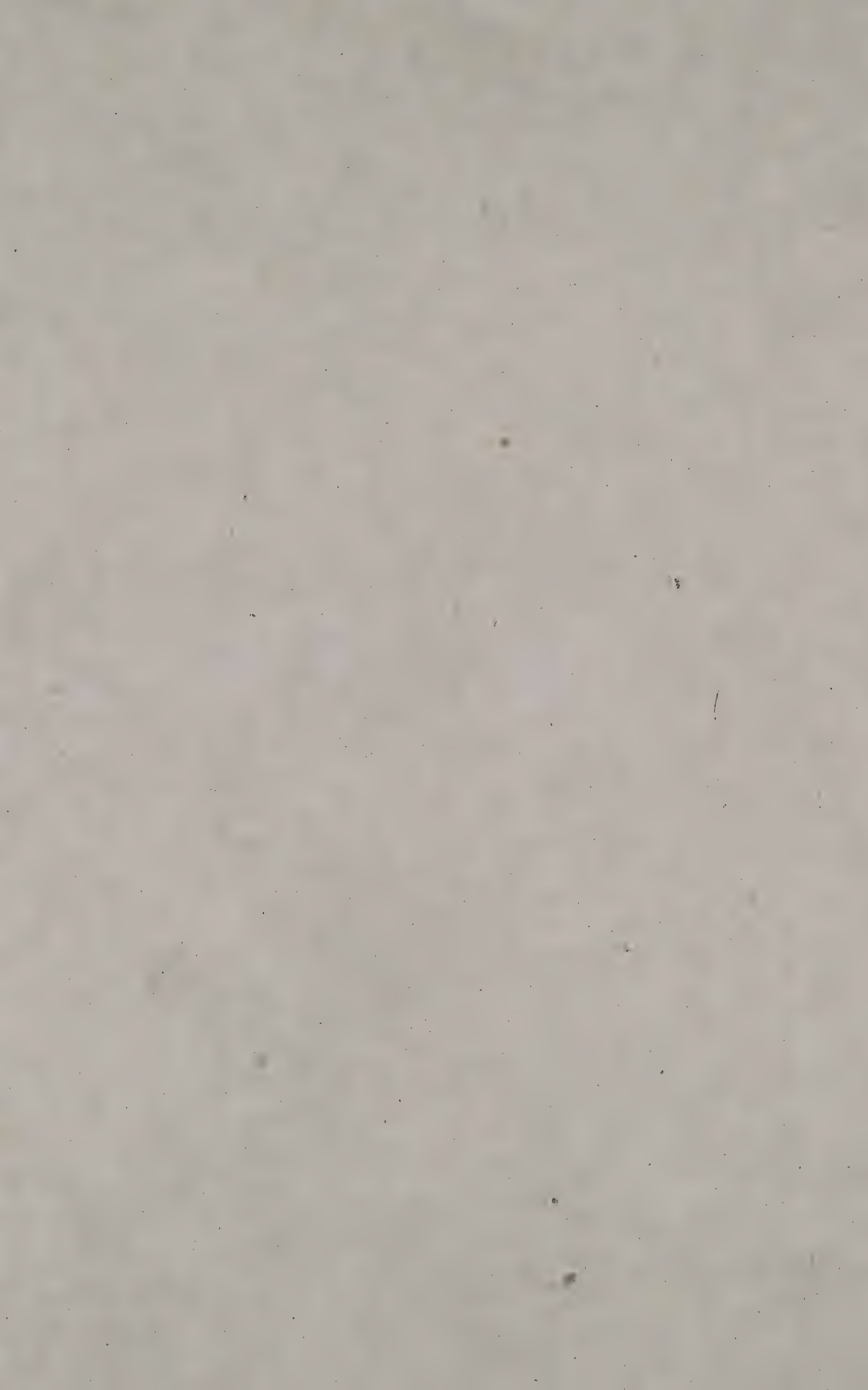


Typical view in the Midway Mountains. Looking northeastwardly across Kettle River near bridge six miles above Midway.



(In pocket.)

Typical view in the Skagit range. Looking east from divide between Middle and Slesso creeks. Chilliwack River valley on the left. View shows accordance of summit levels.



ERRATA

Appendix 6.

Report of the Chief Astronomer 1910

Part III—maps

Sheet 17.—Boundary Monument
" 15.—
" 10.—

19 is 0.94 miles west of Mon. 20
59 is 1.02 " " 60
144 should be deleted
145 should read 144
146 " " 145
147 " " 146
148 " " 147
149 " " 148
150 " " 149
151 " " 150
152 " " 151
153 " " 152
154 " " 153
155 " " 154
156 " " 155
157 " " 156
158 " " 157
159 " " 158
160 " " 159
161 " " 160
162 " " 161
163 " " 162
164 " " 163
165 " " 164

Sheet 9.—

165 is a few yards east of the railway track near Laurier.
207 is 2.72 miles west of Mon. 208
207 should read 208

Sheet 5.—

208 " 209
209 " 210
210 " 211
211 " 212
212 " 213
213 " 214
214 " 215
215 " 216
216 " 217
217 is 0.02 miles east of Mon. 217
217 should read 219
218 " 220
219 " 221
220 " 222
221 " 223
222 " 224
223 " 225
224 " 226
225 " 227

Sheet 4.—

226 should read 228
227 " 229
228 " 230
229 " 231
230 " 232
231 " 233
232 " 234
233 " 235
234 " 236
235 " 237
236 " 238
237 " 239
238 " 240
239 " 241
240 " 242
241 " 243
242 is 0.22 miles west of Mon. 245
242 should read 245
243 " 246
244 " 247
245 " 248
246 " 249
247 " 250
248 " 251
252 is 1.35 miles east of Mon. 251
249 should read 253
250 " 254
251 " 255
252 " 256
257 is 2.59 miles east of Mon. 256
253 should read 258
259 is 2.14 miles east of Mon. 258
254 should read 260
255 " 261
256 " 262
257 " 263
258 " 264
259 " 265
260 " 266
261 " 267
262 " 268
269 is 0.94 miles west of Mon. 270
263 should read 270
264 " 271
265 " 272
273 is 1.16 miles east of Mon. 272

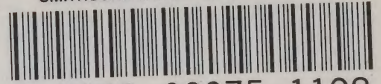
Sheet 4.—Boundary Monument
(continued)

Sheet 3.—

Sheet 2.—

Sheet 1.—

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